

WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON

AND IN TWENTY-TWO OTHER LARGE TOWNS

OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 1. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, JANUARY 6. [Price 1½d.

*General Register Office, Somerset House,
8th January, 1877.*

WEEKLY RETURNS, 1877.

During the year 1877 the area embraced by the Weekly Returns will be the same as in 1876. The Returns will contain information relating to 23 of the LARGEST CITIES and TOWNS of the UNITED KINGDOM, having an aggregate population estimated to the middle of the year at 8,144,940 persons, and also to a population of 834,063 persons residing in the London Outer Ring; the Returns will thus relate to a population of 8,979,003, only a few thousands less than *nine millions*. The estimated population of these towns in the middle of 1877 showed an increase of 153,229 persons, or 1·7 per cent. upon the estimate for the middle of 1876. The Weekly Return will contain, as before, through the courtesy of various authorities abroad, information as to the recent deaths, prevailing epidemic diseases, and rates of mortality in twenty-five great CITIES situated in the four quarters of the world, and having a population of about ten millions.

UNITED KINGDOM.

DURING last week 6211 *births* and 3673 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2538. The mortality from all causes was at the average rate of 24 deaths annually in every 1000 persons living. The annual death-rate was 25 per 1000 in Edinburgh, 26 in Glasgow, and 32 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Norwich 14, Hull 19, Plymouth 19, Sheffield 20, Oldham 20, Bristol 21, Portsmouth 21, Nottingham 21, Leicester 21, Bradford 22, London 22, Birmingham 22, Leeds 22, Wolverhampton 23, Brighton 24, Newcastle-upon-Tyne 26, Liverpool 27, Sunderland 28, Manchester 29, and Salford 30. The annual death-rate from the seven principal zymotic diseases averaged 3·6 per 1000 in the twenty towns. No death from these seven diseases was registered in Norwich, whereas the zymotic rate was equal to 5·1 in Manchester and 7·4 in Salford. The deaths referred to small-pox in the twenty towns were 146, against 125 and 104 in the two preceding weeks; 116 occurred in London, 22 in Liverpool, 6 in Salford, 2 in Manchester, and not one in any of the sixteen other towns.

LONDON.

In LONDON 2819 BIRTHS and 1507 DEATHS were registered. Allowing for increase of population, the births exceeded by 200, whereas the deaths were 243 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 21·8 and 22·6 per 1000, was last week 22·3.

The 1507 deaths included 116 from small-pox, 28 from measles, 25 from scarlet fever, 12 from diphtheria, 32 from whooping-cough, 22 from different forms of fever, and 18 from diarrhoea; thus to the seven principal diseases of the zymotic class 253 deaths were referred, against 237 and 235 in the two preceding weeks. These 253 deaths were 6 below the corrected average number from the same diseases in the corresponding week of the last ten years. The 85 fatal cases of measles, scarlet fever, and whooping cough, were in the aggregate 83 below the corrected average. The 12 deaths from diphtheria showed an excess, and included 6 in South London, of which two occurred in Bermondsey. The 22 deaths referred to fever were 18 below the corrected average; 3 were certified as typhus, 14 as enteric or typhoid, and 5 low or simple fever.

The deaths from small-pox, which had been 75, 97, and 75 in the three preceding weeks, rose last week to 116, the highest weekly number during the present epidemic; 45 were certified as unvaccinated, 40 as vaccinated, and in the remaining 31 cases the medical certificates did not furnish any information as to vaccination. The 116 fatal cases included 47 in the Metropolitan Asylum Hospitals at Homerton, Stockwell, and Hampstead, 5 in the Highgate Small-pox Hospital, 2 in the North-street Infirmary (Poplar), one in an ambulance, and one in the House of Correction; the remaining 60, or 52 per cent. of the total cases, occurred in private dwellings. After distributing the hospital cases, it appears that 15 of the deceased small-pox patients had resided in Lambeth, 11 in Poplar and Bow, 10 in Hackney, 9 in Battersea, 9 in Stepney, 6 in Camberwell, 6 in Kensington, 6 in Southwark, and 5 in Pancras; in all (excluding 2 Acton cases, and 2 of which the previous residence was unknown,) 15 belonged to the West, 22 to the North, 2 to the Central, 27 to the East, and 46 to the South groups of Districts. The fatal cases showed a marked increase in East and South London. The Metropolitan Asylum Hospitals contained 859 small-pox patients on Saturday last, against numbers increasing steadily from 185 to 823 in the ten preceding weeks; about 200 cases were necessarily refused admission during the week, all the available beds being occupied.

The 298 deaths referred to diseases of the respiratory organs showed a decline of 54 from the number in the previous week, and were 163 below the corrected average weekly number.

Different forms of violence caused 89 deaths; 82 were the result of negligence or accident, including 33 from fractures and contusions, 16 from burns and scalds, 7 from drowning, 2 from poison, and 16 of infants under one year of age from suffocation. Eight deaths were caused by horses or vehicles in the streets.

In the large Public Institutions 335 deaths were recorded, or 22 per cent. of the total deaths; of these, 200 occurred in Workhouse Establishments, 131 in Hospitals, and 4 in Lunatic Asylums. The London Fever Hospital contained 82 patients on Saturday last (against 91 at the end of the previous week), including 67 cases of scarlet fever, 12 of enteric fever, and one of typhus.

GREATER LONDON.

In Greater London 3370 births and 1763 deaths were registered, equal to annual rates of 40·3 and 21·1 per 1000 of the population. The 8 fatal cases of small-pox in the Outer Ring included 4 in Croydon, and one each in Kingston, Richmond, Finchley, and West Ham sub-districts.

Dr. Frankland, F.R.S., reports as the result of his analysis of the waters supplied to the Metropolis during December, that taking unity to represent the amount of organic impurity (on this occasion) in a given volume of the Kent Company's water, the proportional amount in an equal quantity of water supplied by each of the other Metropolitan Companies was:—New River 3·1, East London 4·0, Lambeth 6·2, West Middlesex 6·7, Chelsea 7·0, Grand Junction 7·6, and Southwark 9·5. The Thames was in high flood during the greater part of December, and the water delivered by the five Companies deriving their supply from this source was “utterly unfit for domestic use,” in consequence of its large proportion of “polluting organic matter.” The West Middlesex alone of these five Companies delivered efficiently filtered water, whereas the four other waters were more or less turbid when drawn from the mains; all the Thames waters were, however, “loaded with organic impurities of the most disgusting origin.” An analysis of a sample of the Grand Junction Company's water, after filtration through spongy iron, showed that nine-tenths of the organic matter, and more than one half of the hardness, had been removed from the water. The water supplied by the New River and East London Companies, principally from the River Lea, showed less pollution than the Thames water; the proportion of organic matter in the New River Company's water was, however, nearly three times greater than in November. The Kent Company's deep well water, on the other hand, was entirely unaffected by the heavy rains, and was even purer in December than in the preceding months.

Dr. Hill, the Medical Officer of Health for Birmingham, reports that the water supplied to that town was slightly turbid, and contained a larger proportion of organic matter than in recent months, probably caused by the heavy rains. Dr. Mills, of the Andersonian University, reports that the Loch Katrine water supplied to Glasgow was of a pale yellow brown colour, was slightly ferruginous, and showed traces of suspended fibrous matter.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·11 in.; the lowest reading was 28·57 in. on Monday morning, and the highest 29·58 in. on Tuesday afternoon. The mean temperature of the *air* was 46°·8, or 10°·0 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed a marked excess on each day of the week; on Sunday 31st ultimo the mean was 52°·3 and 15°·1 above the average, and the coldest day was Tuesday, when the mean was 38°·2, and the excess 1°·3. The lowest night temperature was 35°·3 on Tuesday, and the highest day temperature in the shade 55°·5 on Sunday; the extreme range in the week was, therefore, 20°·2. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 77°·9 on Friday. The difference between the mean *dew-point* and *air* temperature averaged 3°·7. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 44°·9. The mean degree of *humidity* of the air was 87, complete saturation being represented by 100. The general direction of the *wind* was south-westerly, and the horizontal movement of the air averaged 18·8 miles per hour, which was 5·4 above the average in the corresponding week of 16 years. *Rain* fell on each day of the week, to the aggregate amount of 1·34 inches.

ESTIMATED POPULATION OF TWENTY LARGE ENGLISH TOWNS IN THE MIDDLE OF 1877.

Population being the basis of all calculated vital statistics, it is of the first importance that trustworthy information as to the numbers of the people should be available. As censuses, or enumerations of the people, are in very few places held more frequently than once in five years, and in the United Kingdom only once in ten years, it is necessary to adopt some system by which approximate estimates of the populations, in the years which intervene between the censuses, may be framed as a basis for mortality and other statistics.

The Registrar General, unless exceptional circumstances are brought under his notice by local authorities in proof of an abnormal rate of increase or decrease, is under the necessity of adopting the most approved mode of estimating populations in each year between the decennial census enumerations, by assuming that the rate of increase which prevailed during the period between the last two censuses, has been maintained since the most recent enumeration. The census in 1871 proved that this method had produced approximately accurate estimates of the population of England and Wales, of London, and of the different registration divisions and counties in the several years of the decade 1861–71. In many towns, however, the rate of increase in one decade does not afford a reliable indication of what it will be in the next; hence, in towns, more frequent enumerations are urgently needed, in order that the public confidence in sanitary statistics may not be weakened by distrust of the approximate accuracy of population estimates. Until national or local census enumerations are held more frequently than once in ten years, it is important that the Registrar General should receive assistance from local authorities in framing his estimates of town populations; annual returns of the numbers of inhabited houses on the rate book, in the middle of each year, would afford valuable assistance. The difficulty of framing satisfactory estimates of town populations naturally increases with the period of time that has elapsed since the last census; and in the middle of the present year it will be six and a quarter years since the census was taken in 1871. Local authorities are therefore again invited to co-operate with the Registrar General in order that the estimates of the population of the several towns may be framed upon as sound a basis as possible. It may be mentioned that during 1876 no local information was furnished to the Registrar General with reference to the movement of population in any of our twenty largest towns, except Salford, nor was any doubt thrown upon the approximate accuracy of the estimates of population published in the Weekly Returns relating to any of the other towns. The case of Salford will be specially referred to hereafter.

The estimated population of the twenty large English towns, dealt with in the Weekly Return is calculated at 7,055,612 in the middle of 1877, showing an increase of 101,973 or 1·5 per cent. upon the estimate for 1876. During the year 1876 the excess of births over deaths in these twenty towns was 101,505, and 17,980 more than in 1875. The excess of births over deaths in the year in these towns was within a few hundreds of the total estimated increase of population.

The estimated population of Registration London in the middle of 1877 is 3,533,484, and exceeds by 11,356 the estimated population of the nineteen pro-

vincial towns. The estimated increase of population in London between the middle of 1876 and the same period of 1877 is 44,056, and 5,548 less than the excess of births over deaths during 1876. A portion of the natural increase to the population of Inner London now flows over its borders into the Outer Ring of suburban districts. The estimated population of the London Outer Ring in the middle of 1877 is 834,063, and 36,884 more than the estimate for the middle of 1876, whereas the excess of births over deaths in these districts during 1876 was but 12,417; it is evident that the larger portion of the increase of population in the Outer Ring is due to the influx of strangers.

After London, Liverpool is the largest town in England and Wales, with an estimated population of 527,083; Manchester and Salford together are credited with 500,397, and Birmingham with 377,436 inhabitants. The populations of Leeds, Sheffield, and Bristol range between two and three hundred thousand; that of seven towns between one and two hundred thousand. In the five other towns the estimated population is less than a hundred thousand, the smallest town in the list being Plymouth, with 72,911 inhabitants. The calculated rate of increase of population in these several towns between 1876 and 1877, based upon the ascertained rate of increase between 1861 and 1871, varies to a marked extent; it was equal to but 4 and 7 per 1000 in Manchester and Norwich, whereas it ranged upwards in the other towns to 26 in Sheffield, 32 in Bradford, and 34 in Leicester. In Birmingham the excess of births over deaths was greater by 1821 than the estimated increase of population; in Sheffield, however, the estimated increase is greater by 2595 than the excess of births over deaths in 1876.

The towns of England have had their boundaries laid down in Acts of Parliament which do not take into account the fact that the majority of them have increasing populations, socially united by common interests, although they may overflow their arbitrary limits. London is only one instance: there the city is the mere central spot of a vast and populous area within the boundaries fixed by the Tables of Mortality. These bounds themselves no longer suffice, for a great part of the increase of the metropolitan population occurs in its Outer Ring. Now all the great towns—the centres of the industry and commerce of the kingdom—are similarly constituted. The population increases; it overflows the legal boundary, and then the population of the town defined by Act of Parliament is stationary, or increases slowly; while the town as it is popularly understood, and as it is in the true sense of the word, rapidly increases all round its periphery. As the individual grows, so the town grows, and has to cast away its first walls as the man discards the child's clothes. The sooner our institutions recognise the fact that towns now grow, the better it will be: they are not inorganic masses but organic beings, undergoing continual development either in the direction of growth or decay.

This must be borne in mind in interpreting the rate at which each particular town increases within its municipal boundaries. For these are artificial; they do not recognize accruing changes; they are not natural boundaries.

As an example of the difficulties which beset the estimation of the population of towns based upon the rate of increase which prevailed during a decade that terminated nearly six years ago, Salford may be specially referred to. Salford, although in reality part of the same town aggregation as Manchester, is under distinct municipal and sanitary government. The population of Salford, estimated to the middle of 1877 on the assumption that the rate of increase which prevailed between 1861 and 1871 has since been maintained, is 141,184. The local authorities of Salford, however, are convinced that the rate of increase of population in the borough since 1871 has been an exceptionally high one, and that the estimate adopted by the Registrar General was far too low. The population of the borough on the 1st January 1876 was locally estimated from the number of inhabited houses on the rate-book at 160,260. Should this local estimate for the beginning of 1876 be adopted as approximately correct, the estimates for the middle of 1876 and 1877 would be about 165,000 and 173,000 respectively. The Mayor of Salford is about to have the Registrar-General supplied with local information which will enable him to calculate a new and probably more trustworthy estimate of the population of the borough upon which to base its vital statistics. Such a case affords the strongest evidence of the necessity for some sounder basis of calculation for the estimated population of towns than the rate of increase which prevailed between the last two census enumerations. A more frequent census, or intermediate local censuses in all large towns, would alone

supply satisfactorily the necessary facts from which approximately correct estimates could be framed. In Barrow-in-Furness a local census was taken towards the end of 1874, at a comparatively small expense, which conclusively established the fact that an abnormally large rate of increase had prevailed since 1871, a rate of increase out of all proportion to that which ruled between 1861 and 1871.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of DECEMBER 1876; according to their returns 110,423,339 gallons or 501,704 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 208 gallons (94·5 decalitres) rather less than a *ton* by weight, to each house, and 29·3 gallons (13·3 decalitres) to each person, against 30·1 gallons during December 1875.

According to returns of the London Water Companies made to the Select Committee on East London Water Bills (Session 1867), it is estimated that, during the year 1866, about 82 per cent. of the total average daily supply of water for all purposes was for domestic use: applying this proportion to the total quantity supplied daily in the month of December 1876, it may be estimated that about 90,547,138 gallons were probably used for domestic purposes, or about 24·0 gallons per day for each inhabitant, against 24·7 in the corresponding month of last year.

COMPANIES.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for do- mestic consumption) during the Month of	
	DECEMBER 1875.	DECEMBER 1876.	DECEMBER 1875.	DECEMBER 1876.
TOTAL SUPPLY	521,566	531,445	111,420,340	110,423,339
From Thames	245,577	250,648	56,423,469	56,032,761
From Lea and from other Sources . .	275,989	280,797	54,996,871	54,390,578
THAMES.				
Chelsea	28,600	28,737	6,744,600	6,881,600
West Middlesex	47,400	48,680	9,131,684	9,533,505
Southwark and Vauxhall	80,300	80,705	18,000,000	17,820,000
Grand Junction	36,036	37,055	10,186,185	10,284,856
Lambeth	53,241	55,471	12,361,000	11,512,800
LEA AND OTHER SOURCES.				
New River	123,915	125,011	26,160,000	24,132,000
East London	107,851	110,354	22,515,000	23,849,800
Kent	44,223	45,432	6,321,871	6,408,778

Note.—The Return for December 1876, as compared with that for the corresponding month of 1875, shows an increase of 9,879 houses, and a decrease of 997,001 gallons of water supplied daily.

ANALYSIS OF METROPOLITAN WATER SUPPLY DURING DECEMBER.

*Royal College of Chemistry, South Kensington Museum,
5th January 1877.*

SIR,

I HAVE to report to you in the following Table the results of the chemical examination of the waters supplied to the Metropolis during the month of December, and I append also the results yielded by the Birmingham water supply furnished by Dr. Hill, and by the Glasgow water supply from Loch Katrine sent by Dr. Mills.

Taking the amount of organic impurity contained in a given volume of the Kent Company's water as unity, the proportional amount in an equal volume of water supplied by each of the other Metropolitan Companies was:—New River 3·1, East London 4·0, Lambeth 6·2, West Middlesex 6·7, Chelsea 7·0, Grand Junction 7·6, and Southwark 9·5.

The Thames was in high flood during nearly the whole of December, and its water was loaded with organic impurities of the most disgusting origin. The efficient filtration of such polluted liquid is extremely difficult, and of the five Companies which supply London from this source, only one, the West Middlesex, sent out the water efficiently filtered; three, the Chelsea, Grand Junction, and Lambeth Companies, delivered slightly turbid water, whilst the Southwark Companies supply was turbid when drawn from the mains. Even the efficiently filtered water was, however, utterly unfit for domestic use, as it still contained a very large proportion of polluting organic matter.

It may be interesting for those who can afford the cost of domestic filters, to know that even this polluted water can be chemically purified by filtration through spongy iron. I have inserted in the analytical table, for the purpose of comparison, the results yielded by the Grand Junction Company's water after passage through a spongy iron filter which had been in constant use for more than a year. The filter removed nearly $\frac{9}{10}$ ths of the organic matter and more than one half of the hardness from the water.

The water taken by the New River and East London Companies from the River Lea was also polluted, but much less intensely, and it was efficiently filtered before delivery. The proportion of organic matter in the New River Company's water was nearly three times greater than in November.

The Kent Company's water from deep wells in the chalk was, on the other hand, entirely unaffected by the heavy rains. It was, if possible, even purer in December than during the previous months.

The water delivered by the Chelsea, Southwark, Grand Junction, and Lambeth Companies, contained moving organisms.

Dr. Hill, the Medical Officer of Health for Birmingham, reports that the water supplied to that town was "slightly turbid, and the organic nitrogen and nitrates were higher in proportion than they have been for some time, probably owing principally to the late rains."

Dr. Mills, F.R.S., Professor of Technical Chemistry in the Andersonian University, Glasgow, reports that the water supplied to that city from Loch Katrine was of a pale yellow brown colour, and somewhat ferruginous. It contained traces of suspended fibrous matter.

I am, &c.

E. FRANKLAND.

The Registrar General, &c., &c.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

COMPANIES.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Im- purity.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Ni- trates and Nitrites.	Total combined Nitrogen.	Previous Sewage or Animal Contamina- tion. (Estimated.)	Chlorine.	Total Hardness.
THAMES.		°									
Chelsea - - -	{ 7th December, Cab Rank, Horse Guards. }	9·5	28·40	·354	·069	·001	·287	·357	2560	1·70	18·3
West Middlesex -	{ 7th December, Cab Rank, Portland-road. }	9·5	29·00	·338	·067	·001	·288	·356	2570	1·65	18·6
Southwark and Vauxhall - -	{ 7th December, Cab Rank, St. George's Church, Borough. }	10·0	27·94	·478	·092	·001	·251	·344	2200	1·67	17·4
Grand Junction -	{ 7th December, Lancaster-gate, Hyde Prk. }	9·7	28·36	·380	·074	·001	·265	·340	2340	1·65	18·0
Ditto, after fil- tration through spongy iron -	{ 7th December, Lancaster-gate, Hyde Prk. }	-	14·70	·038	·012	·010	·128	·148	1040	1·70	8·1
Lambeth - - -	{ 7th December, Cab Rank, Westminster Bridge-road. }	9·5	28·50	·315	·056	·001	·251	·308	2200	1·70	18·0
OTHER SOURCES.											
New River - -	{ 7th December, Cab Rank, Tottenham- court-road. }	9·2	31·24	·154	·031	·001	·349	·381	3180	1·60	21·5
East London -	{ 7th December, Royal Hotel, Mile-End-rd. }	9·0	32·10	·199	·040	·001	·218	·259	1870	1·95	20·9
Kent - - -	{ 8th December, Deptford Bridge Police Station. }	13·5	37·50	·048	·012	0	·368	·380	3360	2·30	25·5
Birmingham* -	{ 9th December, 3 Court, Stafford-street. }	9·4	23·76	·182	·074	·003	·352	·428	3220	1·70	13·0
Glasgow† - -	{ 18th December, Loch Katrine service. }	6·7	2·38	·188	0	·002	·001	·003	0	·69	·4
Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the Borough.

† Analysed by Dr. E. J. Mills, F.R.S., of the Andersonian University, Glasgow.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, 11, and 12 all relate to 100,000 parts of the waters. The Table is to be read thus: the Chelsea Company's water, collected on the 7th December at the Horse Guards cab-rank, had a temperature of 9°·5 C.; 100,000 lbs. of it contained 28·40 lbs. of solid impurity; the organic matter, constituting a portion of this impurity, contained ·354 lb. of carbon and ·069 lb. of nitrogen. The above quantity of water also contained ·001 lb. of ammonia, and ·287 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·357 lb. After its descent to the earth as rain, 100,000 lbs. of the water had been contaminated with animal matter equivalent to that contained in 2560 lbs. of average London sewage. By gradual oxidation, this animal contamination has been, so far as analysis can show, converted into innocuous inorganic compounds before the water was submitted to investigation. The above weight of water also contained 1·70 lbs. of chlorine. Finally, 100,000 lbs. of the water contained 18·3 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

As the Kent Company's water is unpolluted, and as it is drawn from deep wells, the evidence of previous sewage or animal contamination which it exhibits may safely be disregarded.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 1. BIRTHS and DEATHS registered, and METEOROLOGY,* during the Week ending Saturday the 6th day of January 1877, in the following large Towns.

CITIES AND BOROUGHES. <i>(Municipal Boundaries, except for LONDON and DUBLIN.)</i>	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 6th January 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
3 TOWNS in the UNITED KINGDOM }	212,881	8,144,940	38·3	6211	3673	55·5	25·0	43·0	6·11	2·13	5·41
LONDON - - -	75,362	3,533,484	46·9	2319	1507	55·5	35·3	46·8	8·23	1·34	3·40
BRIGHTON - - -	2,354	102,264	43·4	61	48	55·0	37·7	48·1	8·95	2·45	6·22
BIRMINGHAM - - -	4,486	127,144	28·3	77	51	-	-	-	-	-	-
BIRMINGHAM - - -	7,472	84,023	11·2	54	22	55·0	36·0	46·0	7·78	1·02	2·59
BIRMINGHAM - - -	1,395	72,911	52·3	40	26	55·5	38·5	49·0	9·44	2·78	7·06
BIRMINGHAM - - -	4,452	202,950	45·6	157	81	53·2	34·9	46·1	7·84	2·22	5·64
BIRMINGHAM - - -	3,396	73,389	21·6	47	32	-	-	-	-	-	-
BIRMINGHAM - - -	8,400	377,436	44·9	340	162	53·0	33·4	43·8	6·56	2·89	7·34
BIRMINGHAM - - -	3,200	117,461	36·7	103	48	52·2	33·5	44·1	6·73	1·57	3·99
BIRMINGHAM - - -	1,996	95,025	47·6	79	38	53·2	32·8	43·9	6·61	2·23	5·66
BIRMINGHAM - - -	5,210	527,083	101·2	379	274	52·0	33·1	41·7	5·39	2·29	5·82
BIRMINGHAM - - -	4,293	359,213	83·7	244	203	51·0	30·0	41·2	5·11	1·71	4·34
BIRMINGHAM - - -	5,170	141,184	27·3	142	80	53·3	26·4	41·7	5·39	1·81	4·60
BIRMINGHAM - - -	4,666	89,796	19·2	68	35	-	-	-	-	-	-
BIRMINGHAM - - -	7,220	179,315	24·8	139	75	50·6	30·8	40·1	4·50	2·64	6·71
BIRMINGHAM - - -	21,572	298,189	13·8	244	123	52·0	31·0	40·8	4·89	2·51	6·38
BIRMINGHAM - - -	19,651	282,130	14·4	208	106	52·0	29·5	40·1	4·50	2·76	7·01
BIRMINGHAM - - -	3,635	140,002	38·5	119	50	52·0	29·0	41·1	5·06	1·39	3·53
BIRMINGHAM - - -	3,306	110,382	33·4	86	59	51·0	28·0	39·5	4·17	1·82	4·62
BIRMINGHAM - - -	5,371	142,231	26·5	112	71	-	-	-	-	-	-
BIRMINGHAM - - -	4,191	218,729	52·2	120	103	48·0	25·0	36·1	2·23	3·25	8·25
BIRMINGHAM - - -	6,033	555,933	92·1	422	280	-	-	-	-	-	-
BIRMINGHAM - - -	10,050	314,666	31·3	151	194	53·5	30·5	43·0	6·11	1·58	4·01

For names of the Meteorological Observers in the several towns, see note at foot of Table 4.

The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by addition of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,055,612 persons, and in DUBLIN, during the Week ending Saturday the 6th day of January 1877.

BOROUGHES, &c.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from									
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhea.	Violence.		
<i>Municipal Boundaries, except for LONDON and DUBLIN.)</i>															
In 20 TOWNS -	22·9	3·6	3096	741	663	146	52	90	16	69	76	37	154	274	533
LONDON - - -	22·3	3·7	1507	340	328	116	28	25	12	32	22	18	89	170	335
BRIGHTON - - -	24·5	2·6	48	11	13	-	-	2	-	-	3	-	-	1	12
BIRMINGHAM - - -	20·9	3·3	51	12	12	-	-	7	-	-	1	-	1	4	5
BIRMINGHAM - - -	13·7	0·0	22	8	7	-	-	-	-	-	-	-	1	2	1
BIRMINGHAM - - -	18·6	2·2	26	3	9	-	-	1	-	-	2	-	1	1	3
BIRMINGHAM - - -	20·8	3·3	81	20	21	-	1	4	-	3	4	1	1	2	9
BIRMINGHAM - - -	22·7	3·6	32	4	10	-	-	4	-	-	1	-	2	3	3
BIRMINGHAM - - -	22·4	2·4	161	35	32	-	3	8	-	2	3	1	16	21	25
BIRMINGHAM - - -	21·3	0·9	48	16	13	-	-	1	-	-	1	-	2	5	8
BIRMINGHAM - - -	20·9	1·1	38	11	9	-	-	-	-	-	2	-	3	5	4
BIRMINGHAM - - -	27·1	4·3	274	68	45	22	1	3	1	4	10	2	17	21	49
BIRMINGHAM - - -	29·5	5·1	203	54	46	2	5	6	-	7	10	5	4	13	34
BIRMINGHAM - - -	29·6	7·4	80	26	10	6	3	5	-	1	3	2	4	7	3
BIRMINGHAM - - -	20·3	1·7	35	5	13	-	-	1	-	1	-	1	3	3	2
BIRMINGHAM - - -	21·8	3·8	75	22	13	-	2	1	1	4	3	2	2	2	4
BIRMINGHAM - - -	22·4	3·0	128	36	26	-	2	3	-	7	4	1	3	7	11
BIRMINGHAM - - -	19·6	3·5	106	22	16	-	-	10	-	4	4	1	-	1	8
BIRMINGHAM - - -	18·6	3·7	50	13	9	-	7	1	-	1	1	-	-	-	8
BIRMINGHAM - - -	27·9	4·7	59	16	10	-	-	7	1	-	2	-	4	4	3
BIRMINGHAM - - -	26·1	2·9	71	19	21	-	-	1	1	3	-	3	1	2	6
DUBLIN - - -	32·2	4·0	194	34	55	1	6	4	-	-	9	4	1	1	75

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the FIRST Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2005	2318	2409	2431	2368	2454	2777	2413	2853	2448	2447·6	2819
Males . .	1031	1190	1243	1247	1173	1250	1380	1206	1451	1251	1242·2	1456
Females .	974	1128	1166	1184	1195	1204	1397	1207	1402	1197	1205·4	1363
TOTAL Deaths	1437	1624	1501	1697	1828	1617	1212	1615	2296	1526	1635·3	1507
Males . .	728	821	732	838	902	828	617	795	1110	746	811·7	804
Females .	709	803	769	859	926	789	595	820	1186	780	823·6	703

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867–76, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Oct. 14.	Oct. 21.	Oct. 28.	Nov. 4.	Nov. 11.	Nov. 18.	Nov. 25.	Dec. 2.	Dec. 9.	Dec. 16.	Dec. 23.	Dec. 30.	Jan. 6.
TOTAL Deaths - - -	1257	1224	1277	1403	1635	1886	1504	1558	1446	1443	1456	1510	1507
0—20 - - -	633	632	629	655	775	850	699	717	626	678	626	713	673
20—40 - - -	185	188	225	196	259	265	220	212	232	221	256	183	229
40—60 - - -	213	198	214	260	278	331	238	286	256	242	256	274	277
60—80 - - -	202	175	174	243	282	352	276	287	278	247	272	280	278
at 80 years & upwds.	24	31	35	49	41	88	71	56	54	55	46	60	50
Deaths of children { Under 1 year -	339	347	309	348	437	438	361	384	324	351	313	357	340
{ 1—5 - - -	190	197	211	220	242	277	225	205	195	238	217	254	222
{ 5—20 - - -	104	88	109	87	96	135	113	128	107	89	96	102	111
Deaths from 7 principal Zymotic Diseases {	174	163	157	144	169	205	184	219	197	236	237	235	253
" " Small-pox - - -	16	22	15	21	48	52	43	67	50	75	97	75	116
" " Measles - - -	7	18	8	18	19	16	27	31	24	31	30	40	28
" " Scarlet fever - -	57	60	60	35	32	55	42	41	42	54	37	29	25
" " Diphtheria - - -	8	4	8	3	8	6	10	9	8	6	8	9	12
" " Whooping-cough -	14	15	18	14	22	27	23	25	28	23	23	34	32
" " Typhus fever - - -	6	2	3	-	2	2	3	2	-	3	5	5	3
" " Enteric (or Typhoid) fever -	25	25	22	20	20	29	25	21	24	21	15	16	14
" " Simple Contagious fever -	7	1	5	2	2	2	4	7	6	4	5	6	5
" " Diarrhœa - - -	34	16	18	31	16	16	7	16	15	19	17	21	18
" " Simple Cholera - -	-	-	-	-	-	-	-	-	-	-	-	1	1
" " Dis. of Respiratory Organs -	216	241	267	333	452	593	438	411	315	282	305	352	298
" " Phthisis - - -	132	139	172	170	195	208	176	154	150	170	168	149	134
" " Heart Diseases - -	71	62	77	102	88	92	67	95	94	87	78	91	101
Violent Deaths - - -	52	50	41	41	64	61	50	55	60	50	54	71	89
Inquest Cases - - -	84	83	76	85	110	121	90	98	104	97	93	123	170
Deaths in Public Institutions	255	241	242	248	319	345	258	300	307	292	297	293	335
TEMPERATURE OF THE AIR:													
Mean - - -	57·3	53·7	45·9	44·1	38·6	50·0	43·6	46·0	47·5	42·5	39·9	43·3	46·8
Mean of Highest readings -	63·8	61·8	49·8	51·0	44·7	55·3	47·5	51·1	51·0	45·5	44·0	46·9	50·9
Mean of Lowest readings -	52·3	46·3	42·4	37·3	32·8	44·4	40·3	40·6	44·3	38·8	35·8	39·0	42·0
Mean Temperature of the Water of the Thames {	58·9	56·8	53·7	50·1	47·0	44·4	47·2	45·4	46·9	43·2	42·7	38·5	44·9
Humidity of the Air - - -	87	84	88	80	84	90	85	88	88	89	92	92	87
Rain-fall in inches - - -	0·99	0·00	0·16	0·20	0·05	1·40	0·30	1·69	1·40	0·24	2·19	1·23	1·34

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of the Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FIRST Week of the Year 1877.

CAUSES OF DEATH.		Average in the First Weeks of the 10 years 1867-76.	In the Week ending Saturday, January 6, 1877.								CAUSES OF DEATH.		Average in the First Weeks of the 10 years 1867-76.	In the Week ending Saturday, January 6, 1877.							
			Deaths of Persons of the Ages											Deaths of Persons of the Ages							
			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.				ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature -		38°·2	Mean Tem. 46°·8	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	Mean Temperature -		38°·2	Mean Tem. 46°·8	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
LL CAUSES -		1635·3	1507	340	222	111	229	277	278	50	9. Stricture of Intestines		1·1	-	-	-	-	-	-	-	-
SPECIFIED CAUSES		1626·5	1504	337	222	111	229	277	278	50	10. Fistula -		·3	-	-	-	-	-	-	-	-
ZYMOTIC DISEASES											11. Stomach Disease, &c. -		6·9	7	1	-	1	-	2	3	-
ORDER 1.											12. Pancreas Disease, &c. -		-	-	-	-	-	-	-	-	-
Small-pox -		25·8	116	12	19	37	35	10	3	-	13. Hepatitis -		4·8	4	-	-	-	-	2	2	-
Measles -		41·6	28	8	18	2	-	-	-	-	14. Jaundice -		3·6	6	5	1	-	-	-	-	-
Scarlet Fever -		58·9	25	1	17	7	-	-	-	-	15. Liver Disease, &c. -		18·6	22	1	-	2	3	9	7	-
Diphtheria -		6·8	12	2	7	2	1	-	-	-	16. Spleen Disease, &c. -		·2	-	-	-	-	-	-	-	-
Quinsy -		1·0	-	-	-	-	-	-	-	-	ORDER 5.										
Croup -		12·9	14	-	14	-	-	-	-	-	1. Nephritis -		1·8	2	-	-	-	2	-	-	-
Whooping-cough -		56·8	32	10	21	-	-	1	-	-	2. Ischuria -		·3	-	-	-	-	-	-	-	-
Typhus -		-	3	-	-	1	1	1	-	-	3. Bright's Dis. (Nephria) -		9·2	17	-	-	1	6	7	3	-
Enteric or Typhoid Fev. -		37·6	14	-	2	3	5	4	-	-	4. Diabetes -		2·4	1	-	-	-	1	-	-	-
Simple continued Fev. -		-	5	-	1	2	2	-	-	-	5. Calculus (Stone) -		·8	1	-	-	-	-	1	-	-
Erysipelas -		10·9	10	5	-	-	1	2	2	-	6. Cystitis -		1·8	-	-	-	-	-	-	-	-
Puerperal Fev. (Metria) -		5·5	7	-	-	-	7	-	-	-	7. Kidney Disease, &c. -		9·5	11	-	-	-	1	3	7	-
Carbuncle -		·6	-	-	-	-	-	-	-	-	ORDER 6.										
Influenza -		·9	1	-	-	-	-	-	1	-	1. Ovarian Dropsy -		·3	1	-	-	-	-	1	-	-
Dysentery -		1·3	-	-	-	-	-	-	-	-	2. Uterus Disease, &c. -		4·4	9	-	-	-	2	5	2	-
Diarrhoea -		14·6	18	7	2	-	2	3	2	2	ORDER 7.										
Simple Cholera -		·3	1	1	-	-	-	-	-	-	1. Synovitis (Arthritis) -		·3	-	-	-	-	-	-	-	-
Ague -		·1	-	-	-	-	-	-	-	-	2. Joint Disease, &c. -		6·0	6	-	-	4	-	1	1	-
Remittent Fever -		·2	-	-	-	-	-	-	-	-	ORDER 8.										
Rheumatism -		9·1	7	-	-	2	3	2	-	-	1. Phlegmon -		3·2	3	-	-	-	1	2	-	-
Other Zymotic Diseases		·4	1	1	-	-	-	-	-	-	2. Ulcer -		1·2	3	1	-	-	-	1	-	1
ORDER 2.											3. Skin Disease, &c. -		1·7	-	-	-	-	-	-	-	-
Syphilis -		8·7	8	7	-	-	1	-	-	-	IV. DEVELOPMENTAL DISEASES.										
Stricture of Urethra -		1·4	2	-	-	-	1	-	1	-	ORDER 1.										
Hydrophobia -		·1	-	-	-	-	-	-	-	-	1. Premature Birth -		21·4	32	32	-	-	-	-	-	-
Glanders -		·1	-	-	-	-	-	-	-	-	2. Cyanosis -		3·7	6	6	-	-	-	-	-	-
ORDER 3.											3. Spina Bifida -		2·1	1	1	-	-	-	-	-	-
Privation -		·4	2	-	-	-	-	1	1	-	4. Other Malformations -		1·9	-	-	-	-	-	-	-	-
Want of Breast-milk -		10·0	12	11	1	-	-	-	-	-	5. Teething -		14·5	20	12	8	-	-	-	-	-
Purpura and Scurvy -		1·2	-	-	-	-	-	-	-	-	ORDER 2.										
Alco- & Del. Tremens		2·4	2	-	-	-	1	1	-	-	1. Paramenia -		·2	-	-	-	-	-	-	-	-
Intemperance		2·2	2	-	-	-	2	-	-	-	2. Childbirth (see Puer- peral Fever) -		5·3	1	-	-	-	1	-	-	-
ORDER 4.											ORDER 3.										
Thrush -		2·3	-	-	-	-	-	-	-	-	1. Old Age -		64·3	53	-	-	-	-	-	35	18
Worms, &c. -		·7	-	-	-	-	-	-	-	-	ORDER 4.										
CONSTITUTIONAL.											1. Atrophy and Debility		62·2	49	41	2	1	-	3	2	-
ORDER 1.											V. VIOLENT DEATHS, &c.										
Gout -		2·5	2	-	-	-	-	2	-	-	ORDER 1.										
Dropsy -		11·4	11	1	1	-	-	4	4	1	(ACCIDENT OR NEGLIGENCE.)										
Cancer -		32·0	26	-	1	-	6	15	3	1	1. Fractures & Contusions		22·3	33	1	2	4	8	7	8	3
Cancerum Oris (Noma) -		·6	-	-	-	-	-	-	-	-	2. Wounds { Gunshot } { Cut, Stab }		·9	-	-	-	-	-	-	-	-
Mortification -		3·5	2	-	-	-	-	-	2	-	3. Burns and Scalds -		7·4	16	-	7	3	2	1	1	2
ORDER 2.											4. Poison -		·7	2	-	1	-	-	1	-	-
Scrofula -		9·5	12	1	5	4	-	1	1	-	5. Drowning -		3·8	7	-	-	2	3	2	-	-
Tabes Mesenterica -		16·0	20	12	3	2	2	-	1	-	6. Suffocation -		14·5	20	16	1	-	2	1	-	-
Phthisis -		165·9	134	4	3	9	65	45	8	-	7. Otherwise -		2·9	4	1	-	-	1	2	-	-
Hydrocephalus -		26·5	24	7	13	4	-	-	-	-	ORDER 3.										
LOCAL DISEASES.											(HOMICIDE.)										
ORDER 1.											1. Murder & Manslaughter		1·6	-	-	-	-	-	-	-	-
Cephalitis -		14·8	21	4	8	5	2	2	-	-	ORDER 4.										
Apoplexy -		47·0	59	-	5	1	6	20	23	1	SUICIDE.)										
Paralysis -		33·4	27	-	-	-	1	1	20	5	1. Wounds { Gunshot } { Cut, Stab }		·3	-	-	-	-	-	-	-	-
Insanity -		2·8	2	-	-	-	1	1	-	-	2. Poison -		·7	1	-	-	-	1	-	-	-
Chorea -		·1	-	-	-	-	-	-	-	-	3. Drowning -		·9	2	-	-	-	-	1	1	-
Epilepsy -		6·2	3	-	-	-	-	2	1	-	4. Hanging -		1·3	2	-	-	-	-	2	-	-
Convulsions -		54·3	50	46	4	-	-	-	-	-	5. Otherwise -		·6	-	-	-	-	-	-	-	-
Brain Disease, &c. -		22·0	21	-	1	1	5	6	6	2	ORDER 5.										
ORDER 2.											(EXECUTION.)										
Pericarditis -		3·3	1	-	-	-	-	1	-	-	1. Hanging -		·1	1	-	-	-	1	-	-	-
Aneurism -		4·1	5	-	-	-	3	1	1	-	Violent Deaths (not classed)		1·0	1	1	-	-	-	-	-	-
Heart Disease, &c. -		83·5	95	-	-	2	18	37	37	1	Sudden Deaths (Cause unascertained) -		1·2	2	2	-	-	-	-	-	-
ORDER 3.											Causes not specified or ill-defined -		7·6	1	1	-	-	-	-	-	-
Laryngitis -		11·2	10	4	4	1	1	-	-	-											
Bronchitis -		273·0	167	43	21	2	2	33	58	8											
Pleurisy -		3·6	2	-	-	-	2	-	-	-											
Pneumonia -		103·9	83	17	26	2	11	16	10	1											
Asthma -		17·7	7	-	-	-	3	4	-	-											
Lung Disease, &c. -		21·7	29	10	3	-	5	6	3	2											
ORDER 4.																					
Gastritis -		1·2	2	-	-	1	-	-	1	-											
Enteritis -		6·3	8	3	-	2	-	-	2	1											
Peritonitis -		5·6	4	-	-	-	2	1	1	-											
Ascites -		1·9	2	-	-	-	-	1	1	-											
Ulceration of Intestines		3·5	2	-	-	1	1	-	-	-											
Hernia -		4·9	1	-	-	-	-	-	1	-											
Ileus -		4·1	4	-	-	-	1	-	2	1											
Intussusception -		1·8	2	1	-	-	-	-	1	-											

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.		Enume- rated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include															Deaths in Public Institutions.	
					Deaths of		Deaths from														
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.				
LONDON		3,254,260	2819	1507	340	328	116	28	25	12	32	3	14	5	18	89	170	33			
WEST DISTRICTS.																					
St. Mary Paddington WH		58728	52	24	8	5	-	-	-	-	-	-	1	-	-	-	3	2			
St. John Paddington H		38085	24	14	3	3	-	-	1	-	1	-	-	-	-	3	3	4			
Kensington Town W		91645	79	25	10	6	1	-	-	-	-	-	-	-	1	1	2	1			
Brompton H		28654	14	8	-	5	-	-	-	-	-	-	-	-	-	-	-	-			
St. Peter Hammersmith		6662	6	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-			
St. Paul Hammersmith H		36029	38	23	10	5	1	1	-	1	-	-	-	-	-	-	2	1			
Fulham WH		23350	41	16	3	6	1	-	1	-	1	-	-	-	-	1	4	2			
Chelsea South HHH		26420	11	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-			
Chelsea North-west WHHH		22926	6	16	2	5	-	-	-	-	-	-	-	-	-	-	1	3			
Chelsea North-east		21392	17	9	2	3	-	-	-	-	-	-	-	-	-	-	-	-			
Hanover Square H		18698	7	4	1	1	-	-	-	-	-	-	1	-	-	-	-	-			
May Fair W		13358	2	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-			
Belgrave HH		57972	32	22	1	2	-	-	-	-	1	-	-	-	-	1	5	10			
St. John Westminster HH		38478	18	16	4	5	1	-	1	-	-	-	-	-	-	4	5	8			
St. Margaret Westminster WWWH		27781	20	15	1	4	1	-	-	-	-	-	-	-	-	2	4	2			
Golden Square WH		12860	7	5	1	3	-	-	-	-	-	-	-	-	-	1	2	2			
Berwick-street * H		20759	3	3	-	-	-	-	-	-	-	-	-	-	-	1	2	-			
St. Anne Soho HHHH		17562	13	3	1	1	-	-	-	-	-	-	-	-	1	-	-	-			
NORTH DISTRICTS.																					
All Souls Marylebone HHHH		28579	14	18	2	7	-	-	-	-	-	-	-	-	-	3	5	7			
Cavendish Square H		15425	4	3	-	-	-	-	-	1	-	-	-	-	-	-	-	-			
Rectory Marylebone WH		26384	15	9	-	3	-	-	-	-	-	-	-	-	-	-	-	-			
St. Mary Marylebone HHH		21786	24	5	-	1	-	-	-	1	-	1	-	-	-	-	2	-			
Christchurch Marylebone H		33944	25	10	3	1	-	-	-	-	-	-	-	-	-	-	2	-			
St. John Marylebone H		33136	26	13	2	7	-	-	-	-	-	-	-	-	-	-	-	-			
Hampstead WHHL		32281	19	30	3	3	18	-	1	-	1	-	-	-	1	1	1	15			
Regent's Park Pancras H		38200	23	17	4	4	1	-	-	-	-	-	1	-	1	1	2	1			
Tottenham-court WHH		29370	18	23	3	5	-	-	-	-	-	-	-	-	1	3	4	1			
Gray's Inn Lane HH		29221	21	5	-	2	-	-	-	-	-	-	-	1	1	1	1	-			
Somers Town		38533	29	12	3	3	-	-	-	-	-	-	-	-	1	2	2	-			
Camden Town W		17943	14	14	-	7	-	-	2	-	-	-	-	-	-	2	1	-			
Kentish Town w		68198	48	35	10	11	2	-	-	-	-	-	-	-	-	-	1	-			
Islington West HHH		97820	82	41	13	5	6	1	1	-	2	-	-	-	-	1	3	-			
Islington East WWH		115958	105	38	6	13	1	1	-	1	1	-	-	-	-	-	1	-			
Stoke Newington H		9841	15	6	1	2	-	-	-	-	-	-	-	-	-	-	1	-			
Stamford Hill		6598	7	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-			
West Hackney		28069	30	10	2	3	-	-	-	-	-	1	-	-	-	-	1	-			
Hackney WWHHL		50104	40	58	4	6	26	-	1	1	1	-	-	-	-	4	5	3			
South Hackney		30339	25	12	3	3	-	-	-	-	2	-	-	-	-	-	-	-			
CENTRAL DISTRICTS.																					
St. George Bloomsbury		17853	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Giles South WH		19109	23	12	4	3	-	1	-	-	-	-	-	-	-	-	1	-			
St. Giles North		16594	7	5	3	1	-	2	-	-	-	-	-	-	-	-	-	-			
Long Acre		11379	6	3	2	1	-	-	-	-	-	-	-	-	-	-	1	-			
Charing Cross HH		9859	5	4	-	1	-	-	-	-	-	-	-	-	-	1	2	-			
St. Mary-le-Strand		9378	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-			
St. Clement Danes H		10723	6	5	1	-	-	-	-	-	-	-	-	-	-	1	1	-			
St. George-the-Martyr HHHHH		20521	19	10	5	-	-	1	-	1	-	-	-	-	-	-	1	1			
St. Andrew Eastern W		13529	4	14	-	6	-	-	-	-	-	-	-	-	-	-	3	-			
Saffron Hill H		9066	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. James Clerkenwell W		18917	20	8	-	1	-	2	-	-	-	-	-	-	-	-	1	-			
Amwell Clerkenwell		16884	15	11	1	1	1	1	-	-	-	-	-	-	-	1	3	-			
Pentonville		13337	12	7	2	1	-	-	-	-	-	1	-	-	-	-	-	-			
Goswell-street		16242	11	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
Old-street H		12161	10	7	2	1	-	-	-	-	1	-	-	-	-	1	1	-			
City-road HHL		18301	33	8	5	1	-	-	-	-	-	-	-	-	-	-	3	-			
Whitecross-street		13792	13	4	-	2	-	-	-	-	-	-	-	-	-	1	2	-			
Finsbury		10741	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Botolph East London H		14540	8	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-			
Cripplegate		13638	11	4	-	1	-	-	-	-	-	-	-	-	-	-	1	-			
St. Sepulchre H		7562	1	14	1	-	-	-	-	-	-	-	-	-	-	4	8	1			
St. Bride W		11185	6	5	1	1	-	-	-	-	-	-	-	-	-	-	1	-			
Castle Baynard		4426	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Christchurch		6270	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Queenhithe		4753	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Allhallows Barking		5764	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-			
Broad Street H		7845	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page.

* The sub-district of St. James's Square was united with Berwick-street sub-district on 1st April 1876.

FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHOEA, VIOLENCE, &c., registered in each SUB-DISTRICT Saturday, 6th January 1877.

REGISTRATION SUB-DISTRICTS.		Enu- mer- ated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include													Deaths in Public Institutions.
					Deaths of		Deaths from											
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.	
EAST DISTRICTS.																		
Holywell Shoreditch	-	12430	5	2	1	-	-	-	-	-	-	-	-	-	-	-	1	-
St. Leonard Shoreditch	HL†	16545	12	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Hoxton New Town	w	27835	25	14	3	9	-	-	-	-	-	-	-	-	-	-	-	5
Hoxton Old Town	-	26933	26	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Haggerston West	W	24162	28	15	-	4	1	-	-	-	-	-	-	1	-	1	1	6
Haggerston East	H	19259	16	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Hackney-road	-	29822	29	13	2	2	-	-	-	-	-	-	-	-	-	1	2	-
Green, Bethnal Green	WHL†	42433	31	15	5	5	-	1	-	-	-	2	1	-	-	1	1	4
Church, Bethnal Green	-	26577	31	11	5	-	-	-	-	-	-	-	-	-	-	2	3	-
Town, Bethnal Green	-	21272	27	9	4	2	-	-	-	-	1	-	-	-	-	1	1	-
Spitalfields	H	22499	20	9	1	2	1	-	-	-	-	-	-	-	-	1	2	1
Mile End New Town	W	15550	17	20	5	3	-	-	-	-	-	-	-	-	-	1	3	13
Whitechapel North	-	11597	12	4	1	-	1	-	-	-	-	-	-	-	-	1	-	-
Whitechapel Church	H	7322	7	29	1	3	-	-	-	-	1	-	1	-	-	9	10	24
Goodman's Fields	-	10381	15	5	2	-	-	-	-	-	1	-	-	-	-	-	1	-
Aldgate	-	9224	9	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary St. George East	-	17900	24	9	3	1	-	1	-	-	-	-	-	-	-	1	-	-
St. Paul St. George East	-	21350	16	7	2	2	-	-	-	-	-	-	1	-	-	-	-	-
St. John St. George East	W	8802	9	4	-	2	-	-	-	-	-	-	-	-	-	-	2	4
Shadwell	-	11640	6	7	2	1	-	-	-	-	1	-	-	-	-	-	-	-
Ratcliff	H	16131	19	6	1	-	-	-	-	2	-	-	-	-	-	1	2	-
Limehouse	W	29919	31	12	5	-	3	-	-	-	-	2	-	-	-	1	1	-
Mile End Old Town Western	-	38128	39	18	3	4	2	-	1	-	-	1	-	-	-	1	3	-
Mile End Old Town Eastern	WwwH	55024	51	20	8	5	-	1	-	-	-	-	-	-	-	2	4	2
Bow	wwwHL†	67765	87	52	11	12	4	-	1	-	-	3	-	-	1	1	3	11
Poplar	WW	48611	63	33	10	1	6	2	2	-	-	-	-	-	-	1	1	3
SOUTH DISTRICTS.																		
Christchurch Southwark	WH	14573	11	7	-	2	-	-	-	-	-	-	-	-	-	-	-	2
St. Saviour Southwark	H	15677	12	3	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Kent-road	-	20421	14	11	2	3	1	2	-	-	-	1	-	-	-	1	3	-
Borough-road	WH	16695	14	5	2	-	-	-	-	-	1	-	-	-	-	-	-	-
London-road	HL	18961	16	6	1	1	1	-	-	-	-	-	-	-	-	-	-	1
Trinity Newington	-	23682	20	12	4	2	-	1	-	-	-	-	-	1	-	1	2	-
St. Peter Walworth	W	48248	53	21	9	3	1	-	-	-	1	1	-	-	1	-	-	1
St. Mary Newington	-	16792	14	7	2	4	-	-	-	-	-	-	-	-	-	1	1	-
St. Olave Southwark	H	4373	1	18	-	4	-	-	-	-	-	-	-	-	-	6	6	13
St. John Horsleydown	W	10500	14	5	1	1	-	-	-	-	-	-	-	-	1	-	-	3
Leather Market	-	16787	15	4	-	-	-	1	-	-	-	-	-	-	-	-	-	-
St. Mary Magdalen	W	15709	15	12	2	7	-	-	1	-	-	-	-	-	-	-	-	5
St. James Bermondsey	-	47933	61	18	6	1	-	1	-	2	-	-	-	-	-	-	1	-
Rotherhithe	W	27096	34	11	1	7	-	-	1	-	-	-	-	-	-	-	-	2
Waterloo-road 1st	H	14074	20	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Waterloo-road 2nd	H	18465	22	11	1	5	-	-	-	-	-	-	-	-	-	1	3	-
Lambeth Church 1st	H	19492	19	17	4	2	-	-	-	-	1	-	-	-	-	2	2	11
Lambeth Church 2nd	WW	35833	37	14	8	1	-	-	-	-	-	-	-	-	-	-	-	4
Kennington 1st	-	41286	32	21	5	4	4	1	-	-	-	-	-	-	-	-	-	-
Kennington 2nd	-	31221	22	12	4	1	-	-	-	-	-	1	-	-	-	-	1	-
Brixton	w	35435	36	33	5	3	15	-	-	-	1	-	3	-	-	-	-	15
Norwood	W	12536	13	3	-	-	1	-	-	-	-	-	-	-	-	-	1	-
Clapham	H	27347	20	12	7	3	-	-	-	-	-	-	-	-	-	-	-	-
Battersea	Ww	54016	80	38	13	9	8	-	1	-	3	-	-	-	-	3	3	4
Wandsworth	HL	19783	14	6	2	-	-	-	2	-	-	-	-	-	-	-	-	-
Putney	-	9439	14	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Streatham	-	14176	13	4	-	1	-	-	-	-	-	-	-	-	-	-	1	-
Dulwich	-	4041	2	2	2	-	-	-	-	-	-	1	-	-	-	-	-	-
Camberwell	WL†L†	31254	29	22	4	4	1	1	-	-	1	-	1	-	1	1	1	6
Peckham	W	42160	51	30	10	7	3	3	1	-	-	-	-	-	-	-	-	-
St. George Camberwell	-	38851	36	13	5	4	1	-	-	-	1	-	-	-	-	-	1	-
St. Paul Deptford	-	53714	56	13	4	3	-	-	1	-	-	-	-	1	-	2	1	-
St. Nicholas Deptford	-	6474	4	5	-	-	1	1	-	-	-	-	-	-	-	-	1	-
Greenwich West	-	21034	9	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Greenwich East	WH	19378	20	9	-	3	-	-	-	-	-	-	-	-	-	1	1	6
Eltham	H	4539	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lee	-	16440	13	5	2	-	-	-	-	-	-	-	-	-	-	1	-	2
Lewisham Village	WH	11513	12	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Sydenham	H	19065	13	4	2	1	-	1	-	-	-	-	-	-	-	-	-	-
Charlton	H	9564	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Woolwich Dockyard	-	17226	15	10	4	3	-	-	-	-	-	-	-	-	-	1	3	-
Woolwich Arsenal	WHH	18331	11	6	2	-	-	-	1	-	-	-	-	-	-	-	1	-
Plumstead West	-	13027	19	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Plumstead East	W	15232	21	7	1	2	-	-	-	-	-	-	-	-	-	2	3	5

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above Table by *w*:-

Central London Sick Asylum in Kentish Town sub-district.
 London City Workhouse in Islington East sub-district.
 Holborn Infirmary " " "
 London City Workhouse " Hackney sub-district.
 Holborn " " Hoxton New Town sub-district.
 Whitechapel " " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and
 Bow sub-district.
 Stepney " " Bow sub-district.
 Poplar & Stepney Sick Asylum " "
 Westminster Union Industrial School in Battersea sub-district.
 Small pox and Fever Hospitals in Hackney and Brixton sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered during the Week ending Saturday, 6th January 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include											
						Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.		
	LONDON—OUTER RING	368,414	631,381	551	256	59	77	8	7	6	5	1	9	5	8	12	36
29: 1	Carshalton W - - -	12228	13523	8	4	-	-	-	-	-	-	-	-	-	-	-	-
2	Epsom (part of) * WH -	9971	9145	6	2	1	1	-	-	-	-	-	-	-	-	-	1
36: 1	Godstone (part of) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37: 1	Croydon WWH - - -	20851	71319	43	34	10	8	4	-	1	1	-	-	1	-	-	4
2	Mitcham WH - - -	11697	12534	15	1	-	1	-	-	1	-	-	-	-	-	-	-
38: 1	Wimbledon HH - - -	3220	9087	9	2	2	-	-	-	-	-	-	-	-	-	-	-
2	Kingston WH - - -	8549	27489	28	15	1	9	1	-	-	-	-	1	1	-	1	7
3	Esher (part of) * - - -	6601	7353	8	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Hampton - - -	4573	10185	10	2	-	-	-	-	-	-	-	-	-	-	-	-
39: 1	Richmond WH - - -	2271	16829	20	5	1	1	1	-	-	-	-	1	-	-	-	1
2	Mortlake - - -	2961	9316	7	3	1	1	-	-	-	1	-	-	1	-	-	-
40: 1	Bromley (part of) * HH -	15669	19509	17	8	2	4	-	-	1	1	-	-	-	-	-	-
2	Chislehurst (part of) * W -	13665	10028	12	7	5	-	-	-	-	-	-	-	-	-	-	-
41: 1	Bexley H - - -	13439	19566	12	8	1	2	-	1	-	-	-	-	-	-	-	-
123: 1	Sunbury W - - -	11055	9860	3	2	-	2	-	-	-	-	-	-	-	-	-	-
2	Staines W - - -	13277	10339	6	2	-	-	-	-	-	-	-	-	1	-	-	-
124: 1	Hillingdon WH - - -	6029	9712	3	8	3	3	-	-	-	-	-	1	-	-	-	1
2	Uxbridge - - -	6178	5329	3	2	-	2	-	-	-	-	-	-	-	1	1	-
3	Hayes WL - - -	14587	10497	10	4	1	1	-	1	-	-	-	-	-	-	-	4
125: 1	Isleworth W - - -	7008	19930	16	9	1	3	-	-	-	-	-	1	-	-	-	2
2	Twickenham - - -	2477	10533	8	6	1	2	-	-	-	-	-	1	-	-	-	-
3	Brentford HL - - -	4370	20279	16	5	1	2	-	1	-	-	-	-	-	-	-	-
4	Chiswick - - -	1311	8508	12	1	1	-	-	-	-	-	-	-	-	-	-	-
5	Acton WH - - -	6087	12633	5	3	2	-	-	1	-	-	-	-	-	-	-	-
126: 1	Harrow H - - -	13809	10869	3	6	1	2	-	-	2	-	-	-	-	-	-	1
2	Edgware - - -	6994	3450	3	3	2	1	-	-	-	-	-	-	-	-	-	-
3	Willesden - - -	4383	15869	21	4	1	1	-	-	-	-	-	-	-	-	-	-
4	Hendon WH - - -	8382	6972	1	4	-	-	-	-	-	-	-	-	-	1	1	-
127: 1	South Mimms - - -	15419	5924	5	1	-	-	-	-	-	-	-	-	-	-	-	-
2	Barnet W - - -	5423	7752	3	6	-	2	-	1	-	-	-	-	-	-	-	2
3	Finchley L - - -	4688	11493	8	7	2	2	1	-	-	-	-	1	1	-	-	-
128: 1	Hornsey H - - -	3039	19357	20	4	2	-	-	-	-	-	-	-	-	-	-	-
2	Tottenham H - - -	4642	22869	31	8	2	-	-	1	1	-	-	-	-	-	3	1
3	Edmonton WW - - -	7483	13860	8	8	1	4	-	-	-	-	1	-	-	-	-	4
4	Enfield WH - - -	12653	16054	6	4	-	2	-	1	-	-	-	-	-	-	-	1
5	Waltham Abbey - - -	11017	5197	2	3	-	-	-	-	-	-	-	-	-	1	1	-
6	Cheshunt - - -	8493	7518	3	3	1	2	-	-	-	-	-	-	-	-	-	-
134: 1	Hatfield (part of) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136: 1	Bushey - - -	9028	6472	5	4	-	6	-	-	-	-	-	1	-	1	1	-
135: 1	Stratford - - -	882	23286	41	9	3	2	-	-	-	-	-	-	-	1	1	-
2	West Ham WWWW - - -	7345	44642	61	23	4	5	1	-	-	-	-	2	-	3	3	-
3	Leyton WW - - -	4274	15513	22	11	3	4	-	-	-	-	-	-	-	-	-	7
4	Walthamstow H - - -	6619	15701	11	10	2	2	-	-	-	2	-	-	-	-	-	-
186: 1	Chigwell (part of) * H -	10483	8169	5	3	1	1	-	-	-	-	-	-	-	-	-	-
188: 1	Romford (part of) * - -	6730	2879	3	1	-	1	-	-	-	-	-	-	-	-	-	-
2	Ilford - - -	8492	5947	9	1	-	1	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	3	-	-	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:— 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoidon-Bois (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—DEATHS and ANNUAL RATE OF MORTALITY in GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS), during the Week ending Saturday, 6th January 1877.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
						Deaths of		Deaths from									
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Deaths in Public Institutions.	
GREATER LONDON	446,494	4,367,547	21·1	3·5	1763	399	405	124	35	31	17	33	31	23	97	371	
INNER LONDON -	78,080	3,533,484	22·3	3·7	1507	340	328	116	28	25	12	32	22	18	89	335	
OUTER RING -	368,414	834,063	16·0	2·6	256	59	77	8	7	6	5	1	9	5	8	36	

NOTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 697·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and ANNUAL RATE OF MORTALITY in 25 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	December 2	-	367	44·6	Cholera 81; typhoid and simple fevers 68.
BOMBAY - -	644,405	November 28	-	-	-	-
MADRAS - -	397,552	" 24	-	266	34·9	Cholera 18.
PARIS - - -	1,851,792	January 4	-	951	26·8	Typhoid fever 32; small-pox 6.
BRUSSELS - -	188,609	December 30	118	83	23·0	Small-pox 3.
AMSTERDAM -	289,981	" 23	189	151	27·2	Typhus and typhoid fever 3.
ROTTERDAM -	132,054	" 23	140	62	24·5	-
THE HAGUE -	100,254	" 23	71	67	34·9	-
COPENHAGEN -	211,000	" 26	141	93	23·0	Whooping-cough 3.
STOCKHOLM -	144,305	" 16	-	85	30·7	Scarlet fever 8.
CHRISTIANIA -	77,000	" 29	-	27	18·3	Scarlet fever 2.
BERLIN - - -	980,000	" 16	828	459	24·4	Scarlet fever 14.
HAMBURG(State)	388,618	" 16	317	173	23·2	Measles 4; typhus 4.
BRESLAU - - -	240,471	" 23	229	104	22·6	-
MUNICH - - -	193,450	" 30	-	142	38·3	Typhus 7.
VIENNA - - -	690,205	" 30	567	332	25·1	Small-pox 21.
BUDA-PESTH -	300,000	" 23	239	240	41·7	Diphtheria 11; measles 9; small-pox 5.
ROME - - - -	262,428	" 10	148	83	16·5	Eruptive fevers 11.
NAPLES - - -	452,100	" 22	-	274	31·6	Diphtheria 8.
TURIN - - - -	219,173	" 24	142	93	22·1	Typhoid fever and typhus 9.
ALEXANDRIA -	212,034	" 23	206	182	44·8	Whooping-cough 8.
NEW YORK - -	1,060,000	" 16	-	-	-	-
BROOKLYN - -	506,223	" 9	-	483*	49·8	Scarlet fever 10.
PHILADELPHIA -	825,594	" 16	-	319	20·2	Typhoid fever 23.
BOSTON - - -	352,000	" 16	-	142	21·0	Diphtheria 16.

* Including 284 deaths caused by the burning of the Brooklyn Theatre on 5th December.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 6th JANUARY, 1877.
[Under the Superintendence of the Astronomer Royal.]

1876-7.		READINGS OF THERMOMETERS.										DIFFERENCE				WIND.				RAIN.			
MOON.	Phases of Moon.	BARO-METER.	Dry				Dew Point.	Highest in the sun, as shown by a self-registering thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering thermometer with blackened bulb in vacuo, placed on the Grass.	In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between Dew Point and Air Temperature.		Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete saturation being represented by 100.	As deduced from Anemometers.				Collected in a Gauge whose receiving surface is 5 in. above the ground.			
			High-est.	Low-est.	Range in day.	Mean daily value.				Mean daily value.	Mean daily value.	Great-est.	Least.			General Direction.	Pressure on square foot.	Osler's.	Robinson's.		Amount of Horizontal Movement of Air of each day.	Departure from Average of 16 years.	
DECEMBER.		in.																					
SUN. 31	..	29.095	55.5	48.1	7.4	52.3	46.5	75.7	44.2	42.7	40.3	5.8	10.0	1.3	81	S. & SSW.	SW.	13.0	0.0	1.6	0.06	10.3	
JANUARY.																							
MON. 1	..	28.783	53.4	42.0	11.4	48.0	43.9	62.9	42.0	44.5	42.5	4.1	8.8	1.9	86	S. & SW.	SW. & WSW.	17.8	0.0	1.4	0.12	9.3	
TUES. 2	..	29.534	42.0	35.3	6.7	38.2	31.9	66.3	34.2	46.9	44.7	3.3	4.8	0.9	88	N. & NNE.	ESE.	3.2	0.0	0.2	0.32	3.3	
WED. 3	..	29.263	50.7	37.7	13.0	46.1	44.6	55.3	36.6	48.3	45.3	1.5	4.2	0.0	95	E. & ESE.	SSE. & S.	7.5	0.0	0.5	0.27	8.0	
THURS 4	..	28.996	51.2	46.7	4.5	49.0	45.7	56.2	42.0	46.6	44.3	3.3	5.0	1.7	88	SSW.	SSW. & SW.	1.0	0.0	0.1	0.28	5.5	
FRI. 5	In Equator	29.057	52.5	43.6	8.9	47.2	42.4	77.9	38.1	46.3	44.8	4.8	8.0	2.4	83	SW.	SSW. & SW.	3.4	0.0	0.4	0.06	5.5	
SAT. 6	Last Quarter	29.032	50.7	40.4	10.3	46.6	43.6	53.3	35.0	46.3	44.5	3.0	6.9	1.3	89	WSW. & SW.	S. & SSW.	13.0	0.0	1.7	0.23	17.5	
MEANS .	..	29.109	50.9	42.0	8.9	46.8	43.1	63.9	38.9	45.9	43.8	3.7	6.8	1.4	87	SW.		..	..	..	Sum 1.34	8.5
No. of Col.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	26	27

DATE.		ELECTRICITY.		SKY AND ATMOSPHERE.		NOTES.	
DECEMBER.							
SUNDAY .	31						
JANUARY.							
MONDAY	1						
TUESDAY	2						
WEDNESDAY	3						
THURSDAY	4						
FRIDAY	5						
SATURDAY .	6						

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873.

*In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and - "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer decreased from 29.32 in. at the beginning of the week to 28.57 in. by 9h. A.M. on 1st January; increased to 29.58 in. by 3h. P.M. on the 2nd; decreased to 28.99 in. by 3h. P.M. on the 4th; increased to 29.17 in. by 9h. A.M. on the 6th; and was 28.90 in. at the end of the week.

WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON

AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 2.1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, JANUARY 13. [Price 1½d.

*General Register Office, Somerset House,
15th January, 1877.*

UNITED KINGDOM.

DURING last week 6174 *births* and 3493 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2681. The mortality from all causes was at the average rate of 22 deaths annually in every 1000 persons living. The annual death-rate was 21 per 1000 in Edinburgh, 24 in Glasgow, and 28 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Leicester 12, Brighton 13, Portsmouth 19, London 20, Plymouth 21, Sheffield 22, Birmingham 22, Norwich 23, Nottingham 23, Hull 23, Bradford 24, Bristol 25, Newcastle-upon-Tyne 25, Wolverhampton 25, Leeds 26, Sunderland 26, Liverpool 27, Manchester 27, Salford 29, and Oldham 29. The annual death-rate from the seven principal zymotic diseases averaged 3·0 per 1000 in the twenty towns. No death from these seven diseases was registered either in Brighton or Plymouth, whereas the zymotic rate was equal to 4·1 and 5·2 respectively in Manchester and Salford. The deaths referred to small-pox in the twenty towns were 128, against 104 and 146 in the two preceding weeks; 100 occurred in London, 17 in Liverpool, 2 in Manchester, 7 in Salford, 2 in Bradford, and not one in any of the fifteen other towns. The two fatal cases in Bradford occurred in the Fever Hospital, and had been admitted from the Local Board District of Queensbury, situated about four miles from Bradford.

LONDON.

In LONDON 2516 BIRTHS and 1358 DEATHS were registered. Allowing for increase of population, the births were 26, and the deaths so many as 397, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 22·6 and 22·3, declined last week to 20·1, the lowest weekly rate in January since 1873, when the mean temperature was considerably higher than that which has recently prevailed. After distributing the deaths in institutions, in proportion to population, the rate last week was 18 per 1000 in the West, 21 in the North, 22 in the Central, 18 in the East, and 21 in the South groups of Districts.

The 1358 deaths included 100 from small-pox, 24 from measles, 23 from scarlet fever, 4 from diphtheria, 25 from whooping-cough, 22 from different forms of fever, and 16 from diarrhoea; thus to the seven principal diseases of the zymotic class 214 deaths were referred, against 235 and 253 in the two preceding weeks. These 214 deaths were 41 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 3·2 per 1000. The fatal cases of measles, scarlet fever, diphtheria, and whooping-cough were in the aggregate less than half the corrected average weekly number. The 24 deaths from measles included 9 in Southwark, 4 in Islington, and 3 in Whitechapel. The 23 fatal cases of scarlet fever included 3 in St. John Marylebone sub-district, and 14 in South London, of which 5 occurred in Lambeth, 3 in Eltham, and 2 in Woolwich. Of the 25 deaths from whooping-cough, 5 were returned in Islington, and 3 in Kentish Town. The 22 deaths referred to fever were 19 below the corrected average; 3 were certified as typhus, 17 as enteric or typhoid, and 2 as simple fever. The three fatal cases of typhus

occurred in St. George's Hospital (admitted from Oakham-street, Chelsea), in Wallington Street, Hackney, and in the Stockwell Fever Hospital; the latter case had also been admitted from Oakham-street, Chelsea. The 17 deaths from enteric fever included 10 in South London, of which 3 occurred in the Stockwell Fever Hospital, 2 in Lambeth, 2 in Southwark, and 2 in Battersea.

The deaths from small-pox, which had been 97, 75, and 116 in the three preceding weeks, were 100 last week, of which 34 were certified as unvaccinated, 31 as vaccinated, and in the remaining 35 cases the medical certificates did not furnish any information as to vaccination. In 29 of the 52 fatal cases of small-pox occurring last week in private practice in London, no information as to vaccination was given in the medical certificates. Medical practitioners are requested to add this information in all their future certificates relating to small-pox deaths. In comparing, however, the numbers of deaths occurring among vaccinated and unvaccinated persons, it should be remembered that there are probably now in the London population fully nine times as many vaccinated as unvaccinated persons.

The 100 deaths from small-pox included 39 in the Metropolitan Asylum Hospitals at Homerton, Stockwell, and Hampstead, 5 in the Highgate Small-pox Hospital, 2 in the Kensington Workhouse, and 2 in the North Street Infirmary, Poplar; the remaining 52 occurred in private dwellings. The proportion of hospital to total cases was the same as in the previous week. After distributing the hospital cases, it appears that 13 of the deceased small-pox patients had resided in Hackney, 11 in Lambeth, 7 in Stepney, 7 in Poplar, 6 in Wandsworth and Clapham, 5 in Kensington, 5 in Marylebone, 5 in Islington, and 5 in Camberwell. Excluding one hospital case, the previous residence of which was not stated, 11 belonged to the West, 26 to the North, one to the Central, 25 to the East, and 36 to the South groups of districts. The Metropolitan Asylum Hospitals, which have 900 beds available for small-pox, contained 873 patients on Saturday last, against numbers increasing steadily from 185 to 859 during the eleven preceding weeks. Many cases were necessarily refused admission during the week.

Rain fell at the Royal Observatory, Greenwich, on 45 of the 61 days ending 11th instant, to the aggregate amount of 11·81 inches, whereas the average rainfall for this period is only about four inches. The mean temperature of the nine weeks (63 days) ending last Saturday, at the Royal Observatory, was 44°·6, and exceeded by 4°·7 the average for the corresponding period in 60 years. During the same period of nine weeks 3285 deaths were referred to diseases of the respiratory organs, a number which was 924, or 22 per cent. below the average number in the corresponding week of the ten preceding years, corrected for increase of population.

Different forms of violence caused 51 deaths; 45 were the result of negligence or accident, including 28 from fractures and contusions, 6 from burns and scalds, 3 from drowning, and 6 of infants under one year of age from suffocation. Thirteen deaths were caused by horses or vehicles in the streets; from this class of accident 54 cases of injury and maiming came under the notice of the Metropolitan and City Police during the seven days ending 14th instant.

In the large Public Institutions 297 deaths were recorded, or 22 per cent. of the total deaths; of these, 182 occurred in Workhouse Establishments, 104 in Hospitals, and 11 in Lunatic Asylums. The London Fever Hospital contained 73 patients on Saturday last (against 82 at the end of the previous week), including 59 cases of scarlet fever, 10 of enteric fever, and one of typhus.

GREATER LONDON.

In Greater London 3081 births and 1596 deaths were registered, equal to annual rates of 36·8 and 19·1 per 1000 of the population. In the Outer Ring the death-rate from all causes, and from the seven principal zymotic diseases, was 14·9 and 2·1 per 1000 respectively, against 20·1 and 3·2 in Inner London. The 11 fatal cases of small-pox in the Outer Ring included 4 in Croydon, 3 in West Ham, 2 in Enfield, one in Isleworth, and one in Finchley.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 41, Bombay 32, Madras 41; Paris 26; Brussels 21; Amsterdam 25, Rotterdam 38, The Hague 29; Copenhagen 22; Stockholm 33; Christiania 22; Berlin 23, Hamburg 21, Breslau 30, Munich 43; Vienna 29, Buda-Pesth 44; Rome 22, Naples 34, Turin 24; Alexandria 45; Brooklyn 21, and Philadelphia 18.

SMALL-POX AND VACCINATION.

To what extent has vaccination, as it is usually performed, protected the population of London against death by small-pox? The returns of the year 1876 answer this question to a certain extent. 735 persons of all ages died of the dire disease; 325 were returned in the medical certificates as unvaccinated, 219 as vaccinated, while of 191 the fact is not spoken to. Thus in 544 deaths the proportions in every 100 were found to be, 60 of persons unvaccinated, 40 of persons vaccinated. The proportions of the unvaccinated were greater in the hospitals, where every case was classified; so that out of 735, including the due proportion of the uncertified, 439 or more were unvaccinated, and 296 were vaccinated at some time, and in some way or other. If the numbers unvaccinated and vaccinated among the living were known, it would be easy to determine the mortality of the two classes; but in the absence of an actual enumeration of the vaccinated, all that can be asserted is, that out of a comparatively small number of persons unvaccinated 439 died, while out of the great mass of the vaccinated population 296 died.

For the earlier age of 1 to 5 the proportions of vaccinated children living can be calculated from the numbers returned as successfully vaccinated in recent years by the medical officer of the Local Government Board; in a recent Weekly Return* these numbers were shown to be 317,081 vaccinated, and 31,360 unvaccinated children out of 348,441 children living in the year 1876 of that age. In the 52 weeks of that year 6 vaccinated children aged 1-5 years died out of 317,081 living, and 81 unvaccinated children died out of 31,360 unvaccinated. But the numbers of deaths have to be raised, for in 38 cases it was not stated whether the children had or had not been vaccinated: after distributing these 38 cases proportionally, the deaths after vaccination are 9 in 317,081 living, while the deaths are 116 in 31,360 poor children unprotected by Jenner's beneficent discovery.

It may thus be calculated that if *all* the living children at these ages had been unvaccinated, and had suffered from small-pox in the same proportion as those estimated to be unvaccinated, the deaths occurring among them from this disease would have been 1289.

The Registrar-General's attention has been called to a handbill which the "President of the National Anti-compulsory Vaccination League," a clergyman of the Church of England, but happily (according to the Clergy List) without cure of souls, induced or allowed his Wife to sign; and which, as it is said to be doing harm among the ignorant and is undoubtedly untrue and libellous, the Registrar-General has been urged in letters to "disprove if he can," and to "prosecute the woman who writes it." He must decline to do more than to bring it under the notice of Her Majesty's Government. The handbill says truly that in a certain page of the 35th Annual Report the Registrar-General stated that 19,094 persons died of small-pox; that in another page he stated that 1888 vaccinated, and 3782 unvaccinated persons died of small-pox, thus leaving "13,424 victims" unaccounted for. He does not say, simply because he had no information on the subject, whether the 13,424 had been vaccinated or not. This the handbill asserts is a "barefaced fraud," which discredits "not only the Registrar-General himself," but "the whole body of medical vaccination statistics, 'trumpeted abroad' in defence of a 'murderous law.'"

CERTIFIED CAUSES OF DEATH IN LONDON IN 1876.

During the 52 weeks of 1876 the deaths registered in London were 77,411. In 71,024, or 91·8 per cent., of these cases the cause of death was entered in the death register on the authority of medical certificates furnished by registered medical practitioners. In 5279 cases, equal to 6·8 per cent., inquests were held, and the cause of death was entered from the coroner's certificate. In the remaining 1108, or 1·4 per cent. of the cases, no medical certificate was forthcoming, and no inquests were held, the cause of death being entered in the register either on the authority of a midwife, of an unqualified practitioner, or of the ordinary informant of the death. The largest proportion of uncertified deaths in London is due to the fact that the deceased persons, principally infants, have had no medical attendance during their

* See Weekly Returns for 1876, Nos. 47. and 52.

last illness. A considerable number of these uncertified cases in 1876 were referred by the registrars to the coroners, who pronounced inquests to be unnecessary.

It has before been pointed out that the proportion of uncertified deaths varies very considerably in different parts of London. This disproportion continues to be conspicuous. The per-centage of uncertified deaths during 1876 was 0·5 in the North, 1·0 in the East, 1·1 in the Central, 1·3 in the West, and 2·6 in the South groups of Districts; in the whole of London the proportion averaged 1·4 per cent. It is impossible to avoid the conclusion that there is a decided relation between the proportion of inquest cases and that of uncertified deaths. The proportion of inquest cases to total deaths in 1876 averaged 6·8 per cent. in London; it was 6·4 in the North, 6·9 in the West, 9·0 in the East, and 9·3 in the Central, whereas it was but 4·9 per cent. in the South groups of Districts. Thus in South London, where the proportion of inquests was far lower than in the rest of London, the proportion of uncertified deaths was more than twice as great. The proportion of inquest cases to deaths is to some extent dependent upon that of violent deaths, but this throws little light upon the small proportion of inquest cases in South London. The proportion of violent deaths was larger in South London than in North London, and yet the proportion of inquest cases was only 4·9 per cent. in South London, while it was 6·4 per cent. in North London. The large excess of uncertified deaths in South London not only detracts from the value of the death register for legal, sanitary, and statistical purposes, but offers facilities for neglect of infant life, and even for infanticide to escape unnoticed. The fact that in an equal number of deaths only 49 inquests are held in South London, whereas 64 are held in North London, appears to call for investigation and explanation. Either too many inquests are held in North London, or too few in South London; and the excess of uncertified deaths appears to be one of the unsatisfactory results of the system in South London.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·57 in.; the lowest reading was 28·90 in. at the beginning of the week, and the highest 29·89 in. on Saturday. The mean temperature of the *air* was 41°·5, or 5°·2 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean on Friday was only 31°·4 and 4°·9 below the average, whereas a marked excess prevailed on each of the other days of the week; on Sunday 7th the mean was 48°·4 and 12°·1 above the average. The lowest night temperature was 28°·5 on Friday, and the highest day temperature in the shade 52°·5 on Tuesday; the extreme range in the week was, therefore, 24°·0. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 80°·1 on Sunday. The difference between the mean *dew-point* and *air* temperature averaged 2°·8. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 44°·6. The mean degree of *humidity* of the air was 90, complete saturation being represented by 100. The direction of the *wind* was Variable, and the horizontal movement of the air averaged 12·7 miles per hour, which was 0·1 below the average in the corresponding week of 16 years. *Rain* fell on each of the first five days of the week, to the aggregate amount of 1·96 inches.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames was 546,992 cubic metres at Crossness, and 467,653 cubic metres at Barking, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* during the Week ending Saturday, the 13th day of January 1877, in the following large TOWNS.

CITIES AND BOROUGHES.	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 13th January 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERA- TURE OF THE AIR. (CENTI- GRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centi- metres.
<i>Municipal Boundaries, except for LONDON and DUBLIN.)</i>											
23 Towns in the } UNITED KINGDOM }	212,881	8,144,940	38·3	6174	3493	56·2	24·8	41·5	5·28	0·63	1·60
LONDON - - -	75,362	3,533,484	46·9	2516	1358	52·5	28·5	41·5	5·23	1·96	4·98
BRIGHTON - - -	2,354	102,264	43·4	59	25	53·0	31·4	43·7	6·50	2·20	5·59
PORTSMOUTH - - -	4,486	127,144	28·3	93	47	52·5	32·2	44·3	6·84	-	-
NORWICH - - -	7,472	84,023	11·2	67	37	52·0	32·0	43·3	6·28	0·75	1·90
PLYMOUTH - - -	1,395	72,911	52·3	45	30	53·5	30·5	45·3	7·39	1·49	3·78
Bristol - - -	4,452	202,950	45·6	171	97	51·4	30·3	42·0	5·56	0·60	1·52
WOLVERHAMPTON - -	3,396	73,389	21·6	60	35	-	-	-	-	-	-
BIRMINGHAM - - -	8,400	377,436	44·9	328	162	50·7	29·0	40·5	4·72	0·50	1·27
BIRMINGHAM - - -	3,200	117,461	36·7	114	28	50·0	30·5	41·4	5·22	0·16	0·41
NOTTINGHAM - - -	1,996	95,025	47·6	57	42	50·3	27·6	40·9	4·94	0·29	0·74
LIVERPOOL - - -	5,210	527,083	101·2	447	273	51·5	31·4	40·1	4·50	0·17	0·43
MANCHESTER - - -	4,293	359,213	83·7	296	188	49·3	30·0	41·4	5·22	0·30	0·76
ALFORD - - -	5,170	141,184	27·3	138	78	50·7	28·5	40·5	4·72	0·30	0·76
OLDHAM - - -	4,666	89,796	19·2	76	50	-	-	-	-	-	-
RADFORD - - -	7,220	179,315	24·8	143	82	49·6	31·4	40·9	4·94	0·37	0·94
BEDS - - -	21,572	298,189	13·8	283	146	51·0	31·0	41·3	5·17	0·22	0·56
SHEFFIELD - - -	19,651	282,130	14·4	223	118	49·5	28·0	40·8	4·89	0·14	0·36
SULL - - -	3,635	140,002	38·5	110	63	48·0	29·0	40·2	4·55	0·22	0·56
UNDERLAND - - -	3,306	110,382	33·4	101	56	50·0	31·0	39·5	4·17	0·36	0·91
NEWCASTLE-ON-TYNE	5,371	142,231	26·5	121	63	-	-	-	-	-	-
EDINBURGH - - -	4,191	218,729	52·2	142	90	49·0	31·0	39·6	4·23	1·06	2·69
GLASGOW - - -	6,033	555,933	92·1	394	251	-	-	-	-	-	-
DUBLIN - - -	10,050	314,666	31·3	190	169	56·2	24·8	41·5	5·28	0·17	0·4

* For names of the Meteorological Observers in the several towns, see note at foot of Table 4.
† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by the addition of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,055,612 persons, and in DUBLIN, during the Week ending Saturday the 13th day of January 1877.

BOROUGHES, &c.	ANNUAL RATE OF MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from											
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.				
Municipal Boundaries, except for LONDON and DUBLIN.)																	
In 20 TOWNS -	22·1	3·0	2983	667	665	128	47	69	9	59	64	31	109	201	511		
LONDON - - -	20·1	3·2	1358	263	314	100	24	23	4	25	22	16	51	96	297		
BRIGHTON - - -	12·8	0·0	25	5	8	-	-	-	-	-	-	-	1	1	1		
PORTSMOUTH - - -	19·3	2·1	47	9	15	-	-	3	-	-	2	-	1	2	5		
NORWICH - - -	23·0	1·9	37	12	10	-	-	3	-	-	-	-	1	3	4		
PLYMOUTH - - -	21·5	0·0	30	5	13	-	-	-	-	-	-	-	-	1	3		
BRISTOL - - -	24·9	1·5	97	17	29	-	-	3	-	-	1	2	5	8	21		
WOLVERHAMPTON - -	24·9	2·1	35	7	12	-	-	2	-	-	1	-	-	2	7		
BIRMINGHAM - - -	22·4	1·9	162	54	33	-	1	4	1	2	3	3	3	13	22		
LEICESTER - - -	12·4	3·1	23	11	1	-	4	3	-	-	-	-	1	2	1		
NOTTINGHAM - - -	23·1	0·6	42	8	15	-	-	1	-	-	-	-	1	2	5		
LIVERPOOL - - -	27·0	4·2	273	65	47	17	1	3	2	7	9	3	15	17	47		
MANCHESTER - - -	27·3	4·1	188	37	41	2	2	6	-	7	10	1	9	19	36		
SALFORD - - -	28·8	5·2	78	17	6	7	3	3	-	-	1	-	3	5	8		
OLDHAM - - -	29·1	1·7	50	12	7	-	-	3	-	-	-	-	1	3	2		
RADFORD - - -	23·9	3·5	82	19	13	2	5	-	-	1	3	1	3	5	5		
LEEDS - - -	25·6	3·2	146	44	26	-	3	3	1	5	4	2	2	6	11		
SHEFFIELD - - -	21·8	3·1	118	32	31	-	-	4	-	7	5	1	4	4	18		
SULL - - -	23·5	3·7	63	20	18	-	4	-	-	4	1	1	3	3	7		
CUMBERLAND - - -	26·5	3·3	56	13	11	-	-	4	1	1	1	-	3	6	4		
NEWCASTLE-ON-TYNE	24·9	1·1	68	17	15	-	-	1	-	-	1	1	2	3	7		
DUBLIN - - -	28·0	3·5	169	21	44	1	8	4	1	-	6	1	6	4	57		

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the SECOND Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2382	2132	2270	2351	2357	2305	2587	2458	2481	2431	2375·4	2516
Males . .	1229	1053	1179	1173	1204	1166	1310	1261	1220	1238	1203·3	1319
Females .	1153	1079	1091	1178	1153	1139	1277	1197	1261	1193	1172·1	1197
TOTAL Deaths	1891	1574	1490	1664	1896	1632	1202	1553	1911	1590	1640·3	1358
Males . .	911	816	741	815	937	794	618	777	926	814	814·9	677
Females .	980	758	749	849	959	838	584	776	985	776	825·4	681

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867–76 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Oct. 21.	Oct. 28.	Nov. 4.	Nov. 11.	Nov. 18.	Nov. 25.	Dec. 2.	Dec. 9.	Dec. 16.	Dec. 23.	Dec. 30.	Jan. 6.	Jan. 13.
TOTAL Deaths - - -	1224	1277	1403	1635	1886	1504	1558	1446	1443	1456	1510	1507	1358
0—20 - - -	632	629	655	775	850	699	717	626	678	626	713	673	565
20—40 - - -	188	225	196	259	265	220	212	232	221	256	183	229	218
40—60 - - -	198	214	260	278	331	238	286	256	242	256	274	277	261
60—80 - - -	175	174	243	282	352	276	287	278	247	272	280	278	265
at 80 years & upwds.	31	35	49	41	88	71	56	54	55	46	60	50	49
Deaths of { Under 1 year -	347	309	348	437	438	361	384	324	351	313	357	340	263
children { 1—5 - - -	197	211	220	242	277	225	205	195	238	217	254	222	202
{ 5—20 - - -	88	109	87	96	135	113	123	107	89	96	102	111	100
Deaths from 7 principal Zymo- totic Diseases }	163	157	144	169	205	184	219	197	236	237	235	253	214
„ „ Smallpox - - -	22	15	21	48	52	43	67	50	75	97	75	116	100
„ „ Measles - - -	18	8	18	19	16	27	31	24	31	30	40	28	24
„ „ Scarlet Fever -	60	60	35	32	55	42	41	42	54	37	29	25	23
„ „ Diphtheria -	4	8	3	8	6	10	9	8	6	8	9	12	4
„ „ Whooping-cough	15	18	14	22	27	23	25	28	23	23	34	32	25
„ „ Typhus fever -	2	3	-	2	2	3	2	-	3	5	5	3	3
„ „ Enteric (or Ty- phoid) fever }	25	22	20	20	29	25	21	24	21	15	16	14	17
„ „ Simple Cont ^d fever	1	5	2	2	2	4	7	6	4	5	6	5	2
„ „ Diarrhoea - - -	16	18	31	16	16	7	16	15	19	17	21	18	16
„ „ Simple Cholera -	-	-	-	-	-	-	-	-	-	-	1	1	-
„ „ Dis. of Respira- tory Organs }	241	267	333	452	593	438	411	315	282	305	352	298	291
„ „ Phthisis - - -	139	172	170	195	208	176	154	150	170	168	149	134	139
„ „ Heart Diseases -	62	77	102	88	92	67	95	94	87	78	91	101	75
Violent Deaths - - -	50	41	41	64	61	50	55	60	50	54	71	89	51
Inquest Cases - - -	83	76	85	110	121	90	98	104	97	93	123	170	96
Deaths in Public Institutions	241	242	248	319	345	258	300	307	292	297	293	335	297
TEMPERATURE OF THE AIR:													
Mean - - - - -	53·7	45·9	44·1	38·6	50·0	43·6	46·0	47·5	42·5	39·9	43·3	46·8	41·5
Mean of Highest readings -	61·8	49·8	51·0	44·7	55·3	47·5	51·1	51·0	45·5	44·0	46·9	50·9	46·2
Mean of Lowest readings -	46·3	42·4	37·3	32·8	44·4	40·3	40·6	44·3	38·8	35·8	39·0	42·0	37·4
Mean Temperature of the Water of the Thames }	56·8	53·7	50·1	47·0	44·4	47·2	45·4	46·9	43·2	42·7	38·5	44·9	44·6
Humidity of the Air - - -	84	88	80	84	90	85	88	88	89	92	92	87	90
Rain-fall in inches - - -	0·00	0·16	0·20	0·05	1·40	0·30	1·69	1·40	0·24	2·19	1·23	1·34	1·96

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the SECOND Week of the Year 1877.

CAUSES OF DEATH.		Average in the Second Weeks of the 10 years 1867-76.	In the Week ending Saturday, January 13, 1877.								CAUSES OF DEATH.		Average in the Second Weeks of the 10 years 1867-76.	In the Week ending Saturday, January 13, 1877.							
			Deaths of Persons of the Ages											Deaths of Persons of the Ages							
			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.				ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Tem.	0-1.	1-5.	5-20.	Mean Tem.	0-1.	1-5.					5-20.										
Mean Temperature -		39°·4	41°·5	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	Mean Temperature -		39°·4	41°·5	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
ALL CAUSES -		1640·3	1358	263	202	100	218	261	265	49	9. Stricture of Intestines		·5	-	-	-	-	-	-	-	-
SPECIFIED CAUSES		1633·7	1352	261	202	99	217	260	264	49	10. Fistula -		·2	1	-	-	-	-	-	1	-
ZYMOTIC DISEASES.											11. Stomach Disease, &c. -		6·9	14	1	2	-	2	6	2	1
ORDER 1.											12. Pancreas Disease, &c. -		·1	-	-	-	-	-	-	-	-
1. Small-pox -		30·8	100	11	14	24	33	18	-	-	13. Hepatitis -		1·8	5	-	-	1	-	2	2	-
2. Measles -		36·6	24	4	19	1	-	-	-	-	14. Jaundice -		3·9	4	-	-	1	-	2	1	-
3. Scarlet Fever -		50·7	23	2	13	8	-	-	-	-	15. Liver Disease, &c. -		18·9	25	-	3	-	5	12	5	-
4. Diphtheria -		8·0	4	-	3	1	-	-	-	-	16. Spleen Disease, &c. -		·3	-	-	-	-	-	-	-	-
5. Quinsy -		·8	1	-	-	-	-	-	1	-	ORDER 5.										
6. Croup -		16·8	5	2	3	-	-	-	-	-	1. Nephritis -		2·4	4	-	-	-	1	2	1	-
7. Whooping-cough -		60·6	25	6	19	-	-	-	-	-	2. Ischuria -		·3	-	-	-	-	-	-	-	-
8. Typhus -		38·0	3	-	-	-	1	1	1	-	3. Bright's Dis. (Nephria) -		11·1	9	-	-	-	5	1	3	-
9. Enteric or Typhoid Fev. -		38·0	17	-	3	7	6	-	1	-	4. Diabetes -		1·8	3	-	-	-	2	-	1	-
10. Simple continued Fev. -		7·8	2	1	-	1	-	-	-	-	5. Calculus (Stone) -		·9	-	-	-	-	-	-	-	-
1. Erysipelas -		4·8	4	1	-	-	-	1	2	-	6. Cystitis -		1·2	1	-	-	-	-	1	-	-
2. Puerperal Fev. (Metria) -		·4	7	-	-	-	-	-	-	-	7. Kidney Disease, &c. -		7·8	4	-	-	-	2	1	1	-
3. Carbuncle -		·4	-	-	-	-	-	-	-	-	ORDER 6.										
4. Influenza -		1·1	1	-	-	-	-	1	-	-	1. Ovarian Dropsy -		·7	2	-	-	-	-	-	-	-
5. Dysentery -		13·2	16	10	2	1	1	-	-	2	2. Uterus Disease, &c. -		3·5	6	-	-	-	2	2	2	-
6. Diarrhoea -		·5	1	-	-	-	-	1	-	-	ORDER 7.										
7. Simple Cholera -		·5	1	-	-	-	-	1	-	-	1. Synovitis (Arthritis) -		·5	-	-	-	-	-	-	-	-
8. Ague -		·1	10	-	-	-	2	3	2	-	2. Joint Disease, &c. -		6·0	2	-	-	1	1	-	-	-
9. Remittent Fever -		9·5	-	-	-	-	-	-	-	-	ORDER 8.										
10. Rheumatism -		·6	-	-	-	-	-	-	-	-	1. Phlegmon -		3·3	3	-	1	-	-	1	1	-
9. Other Zymotic Diseases											2. Ulcer -		2·3	2	-	-	-	-	1	1	-
ORDER 2.											3. Skin Disease, &c. -		1·9	-	-	-	-	-	-	-	-
1. Syphilis -		8·0	9	7	-	-	2	-	-	-	IV. DEVELOPMENTAL DISEASES.										
2. Stricture of Urethra -		1·5	2	-	-	-	-	2	-	-	ORDER 1.										
3. Hydrophobia -		-	-	-	-	-	-	-	-	-	1. Premature Birth -		20·0	18	18	-	-	-	-	-	-
4. Glanders -		-	-	-	-	-	-	-	-	-	2. Cyanosis -		2·3	4	3	-	-	1	-	-	-
ORDER 3.											3. Spina Bifida -		1·2	2	1	1	-	-	-	-	-
1. Privation -		1·2	-	-	-	-	-	-	-	-	4. Other Malformations -		1·4	2	2	-	-	-	-	-	-
2. Want of Breast-milk -		7·9	7	7	-	-	-	-	-	-	5. Teething -		16·4	11	9	2	-	-	-	-	-
3. Purpura and Scurvy -		2·4	3	-	2	-	1	-	-	-	ORDER 2.										
4. Alco- } a Del. Tremens		2·7	1	-	-	-	1	-	-	-	1. Paramenia -		·1	-	-	-	-	-	-	-	-
holism } b Intemperance		1·5	2	-	-	-	-	2	-	-	2. Childbirth (see Puer- } peral Fever) -		5·1	4	-	-	-	4	-	-	-
ORDER 4.											ORDER 3.										
1. Thrush -		3·1	1	1	-	-	-	-	-	-	1. Old Age -		66·8	47	-	-	-	-	-	21	26
2. Worms, &c. -		·5	-	-	-	-	-	-	-	-	ORDER 4.										
I. CONSTITUTIONAL.											1. Atrophy and Debility		66·3	40	28	5	1	-	2	4	-
ORDER 1.											V. VIOLENT DEATHS, &c.										
1. Gout -		2·6	3	-	-	-	1	1	1	-	ORDER 1.										
2. Dropsy -		11·9	5	-	-	-	1	-	4	-	(ACCIDENT or NEGLIGENCE.)										
3. Cancer -		32·0	34	-	-	-	21	13	-	-	1. Fractures & Contusions		19·1	28	-	2	7	4	7	8	-
4. Cancerum Oris (Noma) -		·5	-	-	-	-	-	-	-	-	2. Wounds { Gunshot - } { Cut, Stab }		·6	-	-	-	-	-	-	-	-
5. Mortification -		3·0	5	-	-	-	-	1	4	-	3. Burns and Scalds		7·1	6	-	4	-	-	1	1	-
ORDER 2.											4. Poison -		·8	1	-	-	-	-	1	-	-
1. Scrofula -		8·2	9	3	2	1	-	1	2	-	5. Drowning -		3·2	3	-	-	-	1	2	-	-
2. Tabes Mesenterica -		16·5	19	10	7	1	-	-	1	-	6. Suffocation -		10·7	6	6	-	-	-	-	-	-
3. Phthisis -		170·3	139	6	3	15	74	41	6	-	7. Otherwise -		3·3	1	-	-	-	-	1	-	-
4. Hydrocephalus -		26·7	33	6	21	5	1	-	-	-	ORDER 3.										
II. LOCAL DISEASES.											(HOMICIDE.)										
ORDER 1.											1. Murder & Manslaughter		2·0	-	-	-	-	-	-	-	-
1. Cephalitis -		17·5	17	4	7	2	2	2	-	-	ORDER 4.										
2. Apoplexy -		47·0	44	4	1	-	12	24	2	-	(SUICIDE.)										
3. Paralysis -		34·5	21	-	-	-	1	8	10	2	1. Wounds { Gunshot - } { Cut, Stab }		·3	-	-	-	-	-	-	-	-
4. Insanity -		3·2	2	-	-	-	1	1	-	-	2. Poison -		·9	2	-	-	-	1	1	-	-
5. Chorea -		·4	-	-	-	-	-	-	-	-	3. Drowning -		1·4	2	-	-	-	2	-	-	-
6. Epilepsy -		7·5	10	-	1	5	3	1	-	-	4. Hanging -		1·3	1	-	-	-	-	-	1	-
7. Convulsions -		59·8	46	37	9	-	-	-	-	-	5. Otherwise -		·3	-	-	-	-	-	-	-	-
8. Brain Disease, &c. -		20·5	34	1	-	1	6	11	13	2	ORDER 5.										
ORDER 2.											(EXECUTION.)										
1. Pericarditis -		3·5	3	-	-	2	-	1	-	-	1. Hanging -		-	-	-	-	-	-	-	-	-
2. Aneurism -		3·0	4	-	-	-	-	2	2	-	Violent Deaths (not classed)		1·0	1	1	-	-	-	-	-	-
3. Heart Disease, &c. -		84·5	68	-	1	4	7	21	35	-	Sudden Deaths (Cause unascertained) -		1·0	1	-	-	-	1	-	-	-
ORDER 3.											Causes not specified or ill-defined -		5·6	5	2	-	1	-	1	1	-
1. Laryngitis -		10·9	10	5	4	-	-	1	-	-											
2. Bronchitis -		280·4	197	44	31	1	9	38	61	13											
3. Pleurisy -		5·2	5	-	1	1	2	1	-	-											
4. Pneumonia -		96·1	46	12	10	2	10	9	3	-											
5. Asthma -		20·5	10	-	-	-	3	3	4	-											
6. Lung Disease, &c. -		21·8	23	7	2	-	3	4	6	1											
ORDER 4.																					
1. Gastritis -		2·2	1	-	-	-	-	1	-	-											
2. Enteritis -		6·1	9	3	3	1	-	1	1	-											
3. Peritonitis -		5·4	7	2	1	1	2	1	-	-											
4. Ascites -		2·6	2	-	-	-	-	-	2	-											
5. Ulceration of Intestines		2·4	2	-	-	-	-	2	-	-											
6. Hernia -		3·1	6	-	-	1	-	1	4	-											
7. Ileus -		3·8	5	1	-	-	2	2	-	-											
8. Intussusception -		·9	1	1	-	-	-	-	-	-											

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.		Enume- rated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include															Inquest Cases.	Deaths in Public Institutions.
					Deaths of		Deaths from														
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.					
LONDON - - -		3,254,260	2516	1358	263	314	100	24	23	4	25	3	17	2	16	51	96	297			
WEST DISTRICTS - - -		561,359	362	189	42	40	6	1	1	1	3	1	3	-	5	3	11	27			
NORTH DISTRICTS - - -		751,729	583	368	59	99	51	4	6	1	10	1	2	2	3	9	25	95			
CENTRAL DISTRICTS - - -		334,369	210	138	29	22	-	2	-	-	2	-	2	-	2	5	10	36			
EAST DISTRICTS - - -		639,111	516	248	51	58	13	5	2	-	3	-	-	-	2	14	25	70			
SOUTH DISTRICTS - - -		967,692	845	415	82	95	30	12	14	2	7	1	10	-	4	20	25	69			
WEST DISTRICTS.																					
St. Mary Paddington WH - - -		58728	43	11	2	2	2	-	-	-	-	-	-	-	-	-	-	3			
St. John Paddington H - - -		38085	19	9	2	1	1	-	-	-	-	-	-	-	1	-	-	2			
Kensington Town W - - -		91645	70	36	11	10	1	-	-	-	1	-	-	-	3	1	3	6			
Brompton H - - -		28654	15	11	1	3	-	-	-	-	-	-	-	-	-	-	-	3			
St. Peter Hammersmith - - -		6662	5	3	-	3	-	-	-	-	-	-	-	-	-	-	1	-			
St. Paul Hammersmith H - - -		36029	29	12	1	1	-	-	-	1	1	-	1	-	-	-	-	-			
Fulham WH - - -		23350	32	6	2	1	-	-	-	-	-	-	-	-	1	-	-	-			
Chelsea South HHH - - -		26420	16	9	2	1	-	-	-	-	-	-	1	-	-	-	-	1			
Chelsea North-west WHHH - - -		22926	15	8	6	-	1	-	-	-	-	-	-	-	-	-	-	1			
Chelsea North-east - - -		21392	17	8	2	1	-	-	-	-	1	-	1	-	-	-	-	-			
Hanover Square H - - -		18698	1	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-			
May Fair W - - -		13358	9	7	1	4	-	-	-	-	-	-	-	-	-	1	1	4			
Belgrave HH - - -		57972	34	20	3	5	-	-	-	-	-	1	-	-	-	-	-	7			
St. John Westminster HH - - -		38478	21	18	3	2	1	-	-	-	-	-	-	-	-	1	4	-			
St. Margaret Westminster WWWW - - -		27781	14	10	3	2	2	-	1	-	-	-	-	-	-	-	-	-			
Golden Square WH - - -		12860	3	5	-	1	-	-	-	-	-	-	-	-	-	-	1	-			
Berwick-street* H - - -		20769	7	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Anne Soho HHHH - - -		17562	12	5	2	1	-	-	-	-	-	-	-	-	-	-	1	-			
NORTH DISTRICTS.																					
All Souls Marylebone HHHH - - -		28579	15	14	3	5	-	-	-	-	-	-	-	-	-	1	2	3			
Cavendish Square H - - -		15425	7	4	-	3	-	-	-	-	-	-	-	-	-	-	-	-			
Rectory Marylebone WH - - -		26384	19	21	1	12	-	-	-	-	-	-	-	-	-	-	1	7			
St. Mary Marylebone HHH - - -		21786	12	9	1	4	2	-	-	-	-	-	-	-	-	-	-	-			
Christchurch Marylebone H - - -		33944	27	16	6	2	-	-	-	-	1	-	-	-	-	-	-	-			
St. John Marylebone H - - -		33136	21	14	6	2	-	-	3	-	-	-	-	-	1	-	-	-			
Hampstead WHHL - - -		32281	20	29	-	5	16	-	-	-	1	-	-	-	-	-	-	20			
Regent's Park Pancras H - - -		38200	30	16	3	6	-	-	-	-	-	-	-	-	-	-	2	-			
Tottenham-court WHH - - -		29870	16	18	3	1	-	-	-	-	-	-	-	-	-	2	4	12			
Gray's Inn Lane HH - - -		29221	22	11	2	2	-	-	-	-	-	-	-	1	-	1	2	1			
Somers Town - - -		38533	32	10	2	4	-	-	-	-	-	-	1	-	-	-	-	-			
Camden Town W - - -		17943	25	10	3	2	-	-	-	-	-	-	-	-	-	1	3	6			
Kentish Town w - - -		68198	59	33	12	7	1	-	1	-	3	-	-	-	1	-	2	3			
Islington West HHH - - -		97820	89	30	5	3	6	2	1	-	2	-	-	-	-	1	2	6			
Islington East WwwwH - - -		115953	89	54	3	19	-	2	-	1	3	-	1	1	1	-	1	10			
Stoke Newington H - - -		9841	11	8	2	1	-	-	-	-	-	-	-	-	-	-	-	1			
Stamford Hill - - -		6598	5	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-			
West Hackney - - -		28069	24	9	1	4	1	-	-	-	-	1	-	-	-	-	1	-			
Hackney WwwwHHL - - -		50104	35	45	5	9	24	-	-	-	-	-	-	-	-	2	3	26			
South Hackney - - -		30339	25	16	1	8	-	-	1	-	-	-	-	-	-	1	2	-			
CENTRAL DISTRICTS.																					
St. George Bloomsbury - - -		17853	12	5	3	1	-	-	-	-	-	-	-	-	-	-	-	-			
St. Giles South WH - - -		19109	6	13	-	4	-	-	-	-	-	-	-	-	-	-	-	6			
St. Giles North - - -		16594	6	6	2	-	-	-	-	-	-	-	1	-	1	-	-	-			
Long Acre - - -		11379	12	6	1	-	-	-	-	-	1	-	-	-	-	-	-	-			
Charing Cross HH - - -		9859	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	3			
St. Mary-le-Strand - - -		9378	2	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-			
St. Clement Danes H - - -		10723	6	5	1	-	-	-	-	-	-	-	-	-	-	-	-	3			
St. George-the-Martyr HHHHH - - -		20521	10	12	3	2	-	1	-	-	-	-	-	-	-	-	-	2			
St. Andrew Eastern W - - -		13529	5	10	-	3	-	-	-	-	-	-	-	-	-	-	1	-			
Saffron Hill H - - -		9066	7	2	-	-	-	-	-	-	-	-	-	-	-	-	1	9			
St. James Clerkenwell W - - -		18917	10	5	1	1	-	1	-	-	-	-	-	-	-	-	-	-			
Amwell Clerkenwell - - -		16884	22	8	1	1	-	-	-	-	-	-	-	-	-	1	3	-			
Pentonville - - -		13337	10	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-			
Goswell-street - - -		16242	15	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-			
Old-street H - - -		12161	8	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-			
City-road HHL - - -		18301	33	6	3	1	-	-	-	-	-	-	-	-	-	-	-	1			
Whitecross-street - - -		13792	7	4	1	1	-	-	-	-	-	-	-	-	1	-	-	-			
Finsbury - - -		10741	9	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-			
St. Botolph East London H - - -		14540	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
Cripplegate - - -		13638	3	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-			
St. Sepulchre H - - -		7562	5	17	2	1	-	-	-	-	-	-	1	-	-	3	4	12			
St. Bride W - - -		11185	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Castle Baynard - - -		4426	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Christchurch - - -		6270	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
Queenhithe - - -		4753	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Allhallows Barking - - -		5764	1	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-			
Broad-street H - - -		7845	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-			

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at foot of next page.

* The sub-district of St. James's Square was united with Berwick-street sub-district on 1st April 1876.

FEVER, DIPHTHERIA, WHOOPING-COUGH, MEASLES, SCARLET FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
Saturday, 13th January 1877.

REGISTRATION SUB-DISTRICTS.	Enume- rated Popu- lation, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include															Inquest Cases.	Deaths in Public Institutions.
				Deaths of		Deaths from														
				Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhea.	Violence.					
EAST DISTRICTS.																				
Holywell Shoreditch - - -	12430	9	4	1	2	-	-	-	-	-	-	-	-	-	-	-	1	-		
St. Leonard Shoreditch HL† - - -	16545	14	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2		
Hoxton New Town w - - -	27335	24	8	-	4	-	-	-	-	-	-	-	-	-	-	-	-	1		
Hoxton Old Town - - -	26933	12	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Haggerston West W - - -	24162	20	11	2	5	-	-	-	-	-	-	-	-	-	-	1	1	6		
Haggerston East H - - -	19259	21	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hackney-road - - -	29822	30	7	2	1	-	-	-	-	-	1	-	-	-	-	-	1	-		
Green, Bethnal Green WHL† - - -	42433	43	18	4	7	-	-	-	-	-	-	-	-	-	-	-	1	9		
Church, Bethnal Green - - -	26577	21	8	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Crown, Bethnal Green - - -	21272	19	7	2	2	1	-	-	-	-	-	-	-	-	-	-	1	-		
Spitalfields H - - -	22499	9	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Mile End New Town W - - -	15550	14	9	-	2	1	-	-	-	-	-	-	-	-	-	-	-	6		
Whitechapel North - - -	11597	4	6	1	1	-	2	-	-	-	-	-	-	-	-	-	1	-		
Whitechapel Church H - - -	7322	3	16	1	1	-	-	-	-	-	-	-	-	-	1	7	7	15		
Woodman's Fields - - -	10381	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Oldgate - - -	9224	4	3	1	-	-	-	-	-	-	-	-	-	-	-	1	2	-		
St. Mary St. George East - - -	17900	19	8	2	2	-	-	-	-	-	-	-	-	-	-	-	1	-		
St. Paul St. George East - - -	21350	12	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. John St. George East W - - -	8802	5	8	-	1	-	-	-	-	-	-	-	-	-	-	-	-	7		
Madwell - - -	11640	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Catchiff H - - -	16131	13	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Timehouse W - - -	29919	27	8	3	1	2	-	1	-	-	-	-	-	-	-	1	2	-		
Mile End Old Town Western - - -	38128	26	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Mile End Old Town Eastern WwH - - -	65024	47	23	5	7	1	1	1	-	1	-	-	-	-	-	-	-	5		
Low wwhHL† - - -	67765	67	37	4	15	1	1	-	-	-	-	-	-	-	-	2	3	17		
Poplar WW - - -	48611	39	32	9	4	7	-	-	-	-	1	-	-	-	1	2	4	2		
SOUTH DISTRICTS.																				
Christchurch Southwark WH - - -	14573	9	7	2	2	-	1	-	-	-	-	-	-	-	-	1	1	2		
St. Saviour Southwark H - - -	15677	12	11	1	3	1	3	-	-	-	-	-	-	-	-	1	1	-		
Cent-road - - -	20421	22	6	3	-	1	1	-	-	1	-	-	-	-	-	1	1	-		
Borough-road WH - - -	16695	13	7	1	-	-	1	-	-	-	-	1	-	-	-	-	-	2		
London-road HL - - -	18961	18	3	-	-	1	-	-	-	-	-	1	-	-	-	1	1	-		
Trinity Newington - - -	23682	18	9	3	1	1	1	1	-	-	-	-	-	-	-	-	-	-		
St. Peter Walworth W - - -	48248	53	24	4	3	1	-	-	1	-	-	-	-	-	-	1	1	1		
St. Mary Newington - - -	16792	14	6	1	1	-	-	-	-	-	-	1	-	-	-	-	-	-		
St. Olave Southwark H - - -	4373	1	18	-	4	-	-	-	-	1	-	-	-	-	-	6	6	16		
St. John Horsleydown W - - -	10500	8	4	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-		
Leather Market - - -	16787	11	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Mary Magdalen W - - -	15709	6	7	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-		
St. James Bermondsey - - -	47933	45	17	7	5	1	2	-	-	-	-	-	-	-	-	-	-	-		
Rotherhithe W - - -	27096	27	8	-	3	1	-	-	-	-	-	-	-	-	-	-	1	3		
Waterloo-road 1st H - - -	14074	11	6	2	-	-	-	-	-	-	1	-	-	-	-	-	-	1		
Waterloo-road 2nd H - - -	18465	8	6	2	2	-	-	-	-	-	-	-	-	-	-	1	1	-		
Lambeth Church 1st H - - -	19492	21	12	1	3	1	-	-	-	-	-	-	-	-	-	4	3	5		
Lambeth Church 2nd WW - - -	35833	27	24	4	10	-	-	-	1	-	-	-	-	-	-	1	1	14		
Kennington 1st - - -	41286	36	16	2	4	2	-	1	-	-	-	1	-	-	-	-	-	-		
Kennington 2nd - - -	31221	22	10	4	1	1	-	1	-	1	-	-	-	-	1	-	-	-		
Brixton w - - -	35435	30	22	2	2	6	-	-	-	-	1	1	4	-	1	-	1	8		
Norwood W - - -	12536	15	9	1	1	1	1	2	-	-	-	-	-	-	-	-	-	-		
Clapham H - - -	27347	24	9	3	2	3	-	-	-	-	-	-	-	-	-	-	-	-		
Battersea Ww - - -	54016	72	32	8	7	2	-	-	-	-	2	-	2	-	1	1	1	1		
Wandsworth HL - - -	19783	20	9	4	3	-	-	-	-	-	-	-	-	-	1	-	-	5		
Putney - - -	9439	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Streatham - - -	14475	14	3	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
Dulwich - - -	4041	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Camberwell WL†L† - - -	31254	34	14	2	6	2	-	-	-	-	1	-	-	-	-	-	-	1		
Peckham W - - -	42160	46	16	3	5	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. George Camberwell - - -	33851	26	5	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. Paul Deptford - - -	53714	63	24	7	3	2	1	1	1	-	-	-	-	-	-	1	3	-		
St. Nicholas Deptford - - -	6474	5	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Greenwich West - - -	21034	8	7	1	2	-	-	-	-	-	-	-	-	-	-	-	1	-		
Greenwich East WH - - -	19378	16	18	1	7	-	-	-	-	-	-	-	-	-	-	-	-	10		
Eltham H - - -	4539	2	6	2	1	-	-	3	-	-	-	-	-	-	-	-	-	-		
Lee - - -	16440	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Lewisham Village WH - - -	11513	14	7	1	2	-	-	-	-	-	-	-	-	-	-	-	1	-		
Sydenham H - - -	19065	5	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Charlton H - - -	9564	8	2	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-		
Woolwich Dockyard - - -	17226	14	7	2	1	-	-	-	1	-	-	-	-	-	-	-	-	-		
Woolwich Arsenal WHH - - -	18331	15	5	1	2	-	-	-	1	-	-	-	-	-	-	-	-	-		
Plumstead, West - - -	13027	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Plumstead, East W - - -	15232	10	4	-	2	-	-	-	1	-	-	-	-	-	-	-	-	-		

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above Table by w:—

- Central London Sick Asylum in Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary
London City Workhouse " Hackney sub-district.
Holborn " Hoxton New Town sub-district.
Whitechapel " Mile End Old Town Eastern sub-dist.
- London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " Bow sub-district.
Poplar & Stepney Sick Asylum
Westminster Union Industrial School in Battersea sub-district.
Small-pox and Fever Hospitals in Hackney and Brixton sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, & registered during the Week ending Saturday, 13th January 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enume- rated Popu- lation, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													Inquest Cases.	Deaths in Public Houses.
						Deaths of		Deaths from												
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.					
	LONDON—OUTER RING	368,414	631,381	565	238	62	59	11	8	7	1	4	1	2	9	12	3			
29: 1	Carshalton W - - -	12228	13523	12	8	1	4	-	-	-	-	-	-	-	-	-	-			
2	Epsom (part of) * WH -	9971	9145	4	8	2	3	-	-	2	-	-	-	-	-	-	-			
36: 1	Godstone (part of) * - -	2754	900	1	1	-	-	-	-	-	-	-	-	-	-	-	-			
37: 1	Croydon WWH - - -	20851	71319	64	25	9	8	4	-	-	-	-	-	-	1	1	1			
2	Mitcham WH - - -	11697	12534	5	-	-	-	-	-	-	-	-	-	-	-	-	-			
38: 1	Wimbledon HH - - -	3220	9087	7	2	-	1	-	-	-	-	-	-	-	-	-	-			
2	Kingston WH - - -	8549	27489	22	7	2	3	-	-	-	-	-	-	-	-	-	-			
3	Esher (part of) * - - -	6601	7353	5	1	-	1	-	-	-	-	-	-	-	-	-	-			
4	Hampton - - -	4573	10185	5	3	-	2	-	-	-	-	-	-	-	1	1	-			
39: 1	Richmond WH - - -	2271	16829	12	7	2	3	-	-	-	-	-	-	-	1	1	-			
2	Mortlake - - -	2961	9816	3	4	1	1	-	-	-	-	-	-	-	-	-	-			
40: 1	Bromley (part of) * HH -	15669	19509	16	6	1	2	-	-	-	-	1	-	-	1	1	-			
2	Chislehurst (part of) * W -	13665	10028	17	7	-	4	-	-	1	-	-	-	-	-	-	-			
41: 1	Bexley H - - -	13439	19566	15	6	3	2	-	-	-	-	-	-	-	1	1	-			
123: 1	Sunbury W - - -	11055	9860	7	1	-	-	-	-	-	-	-	-	-	-	-	-			
2	Staines W - - -	13277	10339	14	5	4	1	-	-	-	-	-	-	1	-	-	-			
124: 1	Hillingdon WH - - -	6029	9712	9	3	2	-	-	-	-	-	-	-	-	-	-	-			
2	Uxbridge - - -	6178	5329	1	1	-	-	-	1	-	-	-	-	-	-	-	-			
3	Hayes WL - - -	14587	10497	3	5	1	-	-	-	1	1	-	-	-	-	-	-			
125: 1	Isleworth W - - -	7008	19930	11	7	2	-	1	-	-	-	-	-	-	1	1	-			
2	Twickenham - - -	2477	10533	9	6	-	3	-	1	-	-	1	-	-	-	-	-			
3	Brentford HL - - -	4370	20279	31	5	-	-	-	-	-	-	-	-	-	-	-	-			
4	Chiswick - - -	1311	8508	7	4	-	2	-	-	-	-	-	-	-	1	1	-			
5	Acton WH - - -	6087	12683	18	6	2	2	-	1	-	-	-	-	-	-	-	-			
126: 1	Harrow H - - -	13809	10869	5	2	1	-	-	-	-	-	-	-	-	-	-	-			
2	Edgware - - -	6994	3450	5	-	-	-	-	-	-	-	-	-	-	-	-	-			
3	Willesden - - -	4383	15869	10	5	2	2	-	-	-	-	-	-	-	-	-	-			
4	Hendon WH - - -	8382	6972	4	3	1	1	-	-	-	-	-	-	-	-	-	-			
127: 1	South Mimms - - -	15419	5924	3	2	1	-	-	-	2	-	-	-	-	-	-	-			
2	Barnet W - - -	5423	7752	4	2	1	-	-	1	-	-	-	-	-	-	-	-			
3	Finchley L - - -	4688	11493	12	11	1	1	1	-	1	-	-	-	1	-	-	-			
128: 1	Hornsey H - - -	3039	19357	22	8	1	2	-	-	-	-	-	-	-	-	-	-			
2	Tottenham H - - -	4642	22869	19	11	4	2	-	-	-	-	-	-	-	-	1	-			
3	Edmonton WW - - -	7483	13860	11	7	2	2	-	-	-	-	-	-	-	-	-	-			
4	Enfield WH - - -	12653	16054	14	7	3	-	2	2	-	-	-	-	-	-	-	-			
5	Waltham Abbey - - -	11017	5197	2	-	-	-	-	-	-	-	-	-	-	-	-	-			
6	Cheshunt - - -	8493	7518	2	-	-	-	-	-	-	-	-	-	-	-	-	-			
134: 1	Hatfield (part of) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
136: 1	Bushey - - -	9028	6472	-	2	-	-	-	-	-	-	-	-	-	-	-	-			
185: 1	Stratford - - -	882	23236	35	8	3	1	1	-	-	-	1	-	-	-	-	-			
2	West Ham WWW - - -	7345	44642	79	23	6	3	1	2	-	-	-	-	-	2	3	-			
3	Leyton WW - - -	4274	15513	11	6	-	1	1	-	-	-	1	-	-	-	-	-			
4	Walthamstow H - - -	6619	15701	12	8	2	2	-	-	-	-	-	1	-	-	-	-			
186: 1	Chigwell (part of) * H -	10483	8169	3	1	-	-	-	-	-	-	-	-	-	-	1	-			
188: 1	Romford (part of) * - -	6730	2879	4	-	-	-	-	-	-	-	-	-	-	-	-	-			
2	Ilford - - -	8492	5947	6	2	1	-	-	-	-	-	-	-	-	-	-	-			
3	Barking Town - - -	4128	6576	4	2	1	-	-	-	-	-	-	-	-	-	-	-			

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow: 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 904); 134: 1, only the parish of Northaw in Hatfield sub-district; 186: 1, the whole of the Chigwell sub-district, except the parish of Thoydon-B (pop. 798); 188: 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—DEATHS and ANNUAL RATE OF MORTALITY in GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS), during the Week ending Saturday, 13th January 1877.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from									Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.		
GREATER LONDON	446,494	4,367,547	19·1	3·0	1596	325	373	111	32	30	5	29	23	18	60	334	
INNER LONDON -	78,080	3,533,484	20·1	3·2	1858	263	314	100	24	23	4	25	22	16	51	297	
OUTER RING -	368,414	834,063	14·9	2·1	238	62	59	11	8	7	1	4	1	2	9	37	

NOTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 697·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and ANNUAL RATE OF MORTALITY in 25 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	December 9	-	334	40·6	Typhoid and simple fevers 82; cholera 59.
BOMBAY - -	644,405	" 5	-	390	31·6	Small-pox 3.
MADRAS - -	397,552	" 1	-	315	41·3	Fevers 51.
PARIS - -	1,851,792	January 11	-	939	26·5	Typhoid fever 29; small-pox 8.
BRUSSELS - -	188,609	" 6	132	76	21·0	Small-pox 2.
AMSTERDAM -	289,981	December 30	219	137	24·6	Measles 2; whooping-cough 2.
ROTTERDAM -	132,054	" 30	130	97	38·3	Measles 2; whooping-cough 3.
THE HAGUE -	100,254	" 30	73	55	28·6	Whooping-cough 1.
COPENHAGEN -	211,000	January 2	144	90	22·3	Whooping-cough 3.
STOCKHOLM -	144,305	December 23	-	91	32·9	Scarlet fever 10.
CHRISTIANIA -	79,000	January 6	54	33	21·8	Scarlet fever 5; measles 2.
BERLIN - -	980,000	December 23	775	439	23·4	Diphtheria 13; scarlet fever 12.
HAMBURG (State)	388,618	" 23	305	156	20·9	Typhus 5.
BRESLAU - -	240,471	" 30	191	140	30·4	Typhus 2.
MUNICH - -	209,000	January 6	171	173	43·2	Diphtheria and croup 6.
VIENNA - -	714,548	" 6	553	391	28·6	Small-pox 20; diphtheria 26.
BUDA-PESTH -	300,000	December 30	247	253	44·0	Whooping - cough 5; typhus 5.
ROME - -	262,428	" 17	165	110	21·9	-
NAPLES - -	452,100	" 29	-	295	34·0	Diphtheria 6.
TURIN - -	219,173	" 31	145	102	24·3	Typhoid fever and typhus 5.
ALEXANDRIA -	212,034	" 30	178	183	45·0	Whooping-cough 13.
NEW YORK - -	1,060,000	" 16	-	-	-	-
BROOKLYN - -	506,223	" 16	-	204	21·0	Diphtheria 19; scarlet fever 10.
PHILADELPHIA -	825,594	" 23	-	281	17·8	Typhoid fever 22; diphtheria 16.
BOSTON - -	352,000	" 23	-	-	-	-

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 13th JANUARY, 1877.
[Under the Superintendence of the Astronomer Royal.]

MOON.		BAROMETER.				READINGS OF THERMOMETERS.										DIFFERENCE				WIND.				RAIN.																																																																																																																																																																																																																																																																																																																																																																																																																								
		Mean daily reading (corrected and reduced to 32 deg. Fahrenheit).		Dry.		Dew Point.		Highest in the sun, as shown by self-registering thermometer with blackened bulb in vacuo, placed on the Grass.		Lowest on the Grass, as shown by self-registering thermometer.		In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between Dew Point Temperature and Air Temperature.		Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*		Degree of humidity, complete saturation being represented by 100.		As deduced from Anemometers.		Collected in a Gauge whose surface is 5 in. above the ground.																																																																																																																																																																																																																																																																																																																																																																																																																										
Phases of Moon.		High-est.	Low-est.	Range in day.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	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DATE.	ELECTRICITY.	SKY AND ATMOSPHERE.	NOTES.
JANUARY.			
SUNDAY 7	No electricity was shown throughout the week.	Partially cloudy. Frequent showers of rain. Lightning at night. Overcast with frequent rain till evening; clear at night.	The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See <i>Phil. Trans.</i> , part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873.
MONDAY 8			* In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and — "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.
TUESDAY 9			The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.
WEDNESDAY 10			The reading of the barometer increased from 28.90 in. at the beginning of the week to 29.37 in. by 9h. A.M. on the 8th; decreased to 29.30 in. by 3h. P.M. on the same day; increased to 29.87 in. by 9h. A.M. on the 10th; decreased to 29.48 in. by 9h. A.M. on the 11th; increased to 29.88 in. by 9h. A.M. on the 13th; and was 29.89 in. at the end of the week.
THURSDAY 11			
FRIDAY 12			
SATURDAY 13			

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS
OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 3. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, JANUARY 20. [Price 1½d.

*General Register Office, Somerset House,
22nd January, 1877.*

UNITED KINGDOM.

DURING last week 6232 *births* and 3598 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2634. The mortality from all causes was at the average rate of 26 deaths annually in every 1000 persons living. The annual death-rate was 21 per 1000 in Edinburgh, 28 in Glasgow, and 33 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Portsmouth 13, Norwich 14, Plymouth 16, Nottingham 18, Bradford 18, Bristol 20, Sheffield 20, Hull 20, Brighton 21, Leeds 21, Leicester 21, London 22, Birmingham 22, Sunderland 26, Oldham 26, Wolverhampton 26, Newcastle-upon-Tyne 26, Liverpool 27, Manchester 28, and Salford 30. The annual death-rate from the seven principal zymotic diseases averaged 2·9 per 1000 in the twenty towns, and ranged from 0·6 in Norwich, to 4·8 and 5·2 in Salford and Liverpool. The fatal cases of small-pox in the twenty towns were 113, against 146 and 128 in the two preceding weeks; 79 occurred in London, 21 in Liverpool, 2 in Manchester (exclusive of two municipal cases in the Monsall Hospital), 10 in Salford, one in Portsmouth, and not one in any of the fifteen other towns.

LONDON.

In LONDON 2747 BIRTHS and 1491 DEATHS were registered. Allowing for increase of population, the births exceeded by 205, whereas the deaths were 221 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the three previous weeks had been equal to 22·6, 22·3, and 20·1 per 1000, was last week 22·0.

The 1491 deaths included 79 from small-pox, 17 from measles, 42 from scarlet fever, 5 from diphtheria, 31 from whooping-cough, 18 from different forms of fever, and 18 from diarrhoea; thus to the seven principal diseases of the zymotic class 210 deaths were referred, against 253 and 214 in the two preceding weeks. These 210 deaths were 56 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 3·1 per 1000. The fatal cases of measles, whooping cough, and fever were less than half the corrected average weekly numbers. The 42 deaths from scarlet fever showed a marked increase upon those returned in recent weeks, although they were 16 below the corrected average; 12 occurred in the East and 19 in the South groups of districts, including 3 in Mile End, 3 in Bethnal Green, 4 in Bow, 4 in Camberwell, and 3 in Plumstead. Of the 31 fatal cases of whooping cough, 14 occurred in North London; 6 were returned in Pancras, 5 in Islington, and 3 in Hackney. The 18 deaths referred to fever were 20 below the corrected average; 5 were certified as typhus, 10 as enteric or typhoid, and 3 as simple fever. Three of the fatal cases of typhus were recorded in the Stockwell Fever Hospital, of which two were admitted from Oakham Street, Chelsea, and one from Rotherhithe; the two other fatal cases occurred in Marylebone and Limehouse. Two deaths from enteric fever were registered in St. Peter, Walworth, sub-district, of which one occurred in the workhouse.

The deaths from small-pox, which had been 116 and 100 in the two preceding weeks, further declined to 79 last week, of which 32 were certified as unvaccinated, 18 as vaccinated, and in the remaining 29 cases the medical certificates did not

furnish any information as to vaccination. Distributing the 29 not stated cases, in the proportion shown in the 50 cases stated as to vaccination, and assuming that 90 per cent. of the London population have been vaccinated, it may be estimated that but one death from small-pox was registered last week among every 114,000 vaccinated persons, whereas the proportion among the unvaccinated was one death in every 7000 persons. Small-pox was therefore more than sixteen times as fatal among unvaccinated as among vaccinated persons.

The 79 deaths from small-pox included 30 in the Metropolitan Asylum Hospitals at Homerton, Stockwell, and Hampstead, 4 in the Highgate Small-pox Hospital, one in the St. George's Workhouse, one in the Whitechapel Workhouse, and one in the North-street Infirmary (Poplar); the remaining 42, or 53 per cent. of the total cases, occurred in private dwellings. After distributing the hospital cases, it appears that 8 of the deceased small-pox patients had resided in Hackney, 9 in Lambeth, 6 in Bow, 6 in Camberwell, and 5 in Wandsworth and Clapham. Excluding one hospital case admitted from Hounslow, 6 belonged to the West, 17 to the North, 24 to the East, 31 to the South, and not one to the Central groups of Districts. Of the 900 beds available for small-pox patients in the Metropolitan Asylum Hospitals, 846 were occupied on Saturday last, against numbers increasing steadily from 185 to 873 during the twelve preceding weeks.

Different forms of violence caused 55 deaths; 50 were the result of negligence or accident, including 19 from fractures and contusions, 8 from burns and scalds, 12 from drowning, and 8 of infants under one year of age from suffocation. Five deaths were caused by horses or vehicles in the streets.

In the large Public Institutions 316 deaths were recorded, or 21 per cent. of the total deaths; of these, 194 occurred in Workhouse Establishments, 117 in Hospitals, and 5 in Lunatic Asylums. The London Fever Hospital contained 71 patients on Saturday last (against 73 at the end of the previous week), including 64 cases of scarlet fever, and 4 of enteric fever.

GREATER LONDON.

In Greater London 3296 births and 1715 deaths were registered, equal to annual rates of 39·4 and 20·5 per 1000 of the population. The 10 fatal cases of small-pox in the Outer Ring included 6 in the District of West Ham, and one each in the sub-districts of Croydon, Sunbury, Chiswick, and Hornsey. In Croydon 3 fatal cases of enteric fever, and 5 of diphtheria were registered.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 38, Bombay 33, Madras 49; Paris 27; Brussels 22; Amsterdam 24, Rotterdam 25; The Hague 24; Copenhagen 21; Stockholm 33; Christiania 24; Berlin 28, Hamburg 27, Breslau 30, Munich 34; Vienna 27; Rome 28, Naples 36, Turin 23; Alexandria 58; New York 21, Brooklyn 19, Philadelphia 20, and Boston 22.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·79 in.; the lowest reading was 29·38 in. on Sunday, and the highest 30·37 in. by the end of the week. The mean temperature of the *air* was 45°·5, or 8°·7 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed a marked excess on each day of the week; the coldest day was Monday, when the mean was 39°·0 and 2°·5 above the average, whereas on Friday the mean was 51°·7, and in excess by 14°·7. The lowest night temperature was 34°·5 on Saturday, and the highest day temperature in the shade 56°·1 on Friday; the extreme range in the week was, therefore, 21°·6. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 77°·2 on Tuesday. The difference between the mean *dew-point* and *air* temperature averaged 2°·8. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 42°·7. The mean degree of *humidity* of the air was 90, complete saturation being represented by 100. The general direction of the *wind* was south-westerly, and the horizontal movement of the air averaged 15·2 miles per hour, which was 1·6 above the average in the corresponding week of 16 years. *Rain* fell on five days of the week, to the aggregate amount of 0·39 of an inch.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames was 426,074 cubic metres at Crossness, and 475,919 cubic metres at Barking, equivalent to about as many tons by weight.

ERRATUM.—In the third paragraph on page 16 of the last Weekly Return, 2 deaths from small-pox were incorrectly stated to have occurred in Kensington Workhouse during the week ending 13th instant; the two deaths from small-pox, referred to, were recorded in the Paddington, and not in the Kensington Workhouse.

TABLE 1. BIRTHS and DEATHS registered, and METEOROLOGY,* during the Week ending Saturday the 20th day of January 1877, in the following large TOWNS.

CITIES AND BOROUGHES.	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 20th January 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERA- TURE OF THE AIR. (CENTI- GRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centi- metres.
Municipal Boundaries, except for LONDON and DUBLIN.)											
23 TOWNS in the } UNITED KINGDOM }	212,881	8,144,940	38·3	6232	3598	59·0	29·6	44·1	6·73	0·75	1·90
LONDON - - -	75,362	3,533,484	46·9	2747	1491	56·1	34·5	45·5	7·50	0·39	0·99
BRIGHTON - - -	2,354	102,264	43·4	69	41	54·7	34·9	45·1	7·28	0·77	1·96
PORTSMOUTH - - -	4,486	127,144	28·3	74	32	56·0	36·5	47·4	8·55	-	-
NORWICH - - -	7,472	84,023	11·2	54	23	56·0	35·0	44·9	7·17	0·33	0·84
PLYMOUTH - - -	1,395	72,911	52·3	35	22	54·0	32·0	45·4	7·44	1·62	4·11
BRISTOL - - -	4,452	202,950	45·6	152	76	55·5	32·3	44·8	7·12	0·75	1·90
WOLVERHAMPTON - -	3,396	73,389	21·6	46	37	55·5	31·9	41·1	5·06	0·65	1·65
BIRMINGHAM - - -	8,400	377,436	44·9	312	159	57·0	35·2	45·6	7·56	0·62	1·57
LEICESTER - - -	3,200	117,461	36·7	97	48	57·0	36·0	44·2	6·78	0·42	1·07
NOTTINGHAM - - -	1,996	95,025	47·6	74	32	57·8	34·7	44·2	6·78	0·42	1·07
LIVERPOOL - - -	5,210	527,083	101·2	370	270	57·2	36·8	44·4	6·89	1·07	2·72
MANCHESTER - - -	4,293	359,213	83·7	305	190	57·0	31·0	43·2	6·22	0·84	2·13
SALFORD - - -	5,170	141,184	27·3	150	81	56·9	32·1	43·5	6·39	0·87	2·21
OLDHAM - - -	4,666	89,796	19·2	81	44	-	-	-	-	-	-
BRADFORD - - -	7,220	179,315	24·8	150	63	57·2	34·4	43·7	6·50	0·73	1·85
LEEDS - - -	21,572	293,189	13·8	247	120	59·0	34·0	44·4	6·89	0·58	1·47
SHEFFIELD - - -	19,651	282,130	14·4	240	107	56·1	34·5	44·4	6·89	0·76	1·93
HULL - - -	3,635	140,002	38·5	92	53	57·0	35·0	43·4	6·33	0·70	1·78
TYNSIDE - - -	3,306	110,382	33·4	93	54	57·0	34·0	42·6	5·90	0·66	1·68
NEWCASTLE-ON-TYNE	5,371	142,231	26·5	126	70	-	-	-	-	-	-
EDINBURGH - - -	4,191	218,729	52·2	181	87	52·0	34·0	40·2	4·55	1·01	2·57
GLASGOW - - -	6,033	555,933	92·1	398	301	-	-	-	-	-	-
DUBLIN - - -	10,050	314,666	31·3	189	197	54·5	29·6	43·8	6·56	1·05	2·67

* For names of the Meteorological Observers in the several towns, see note at foot of Table 4.
† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by the addition of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,055,612 persons, and in DUBLIN, during the Week ending Saturday the 20th day of January 1877.

BOROUGHES, &c.			ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
Municipal Boundaries, except for LONDON and DUBLIN.)		From All Causes.	From Seven Zymotic Diseases.	Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.		
				Infants under 1 Year of Age.		Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.			Violence.	
In 20 TOWNS			22·3	2·9	3013	748	590	113	36	84	8	63	53	30	101	195	502
LONDON			22·0	3·1	1491	367	296	79	17	42	5	31	18	18	55	101	316
BRIGHTON			20·9	1·5	41	8	12	-	-	3	-	-	-	-	1	2	9
PORTSMOUTH			13·1	2·9	32	6	6	1	1	2	-	1	2	-	-	2	3
NORWICH			14·3	0·6	23	7	8	-	-	-	-	-	1	-	-	1	4
PLYMOUTH			15·8	1·4	22	6	6	-	-	-	-	-	1	1	-	-	2
BRISTOL			19·5	2·6	76	10	19	-	1	1	-	4	3	1	2	3	9
WOLVERHAMPTON			26·3	1·4	37	9	16	-	-	2	-	-	-	-	2	2	7
BIRMINGHAM			22·0	1·2	159	42	35	-	1	2	-	6	-	-	9	18	21
LEICESTER			21·3	2·2	48	9	11	-	3	1	-	-	-	1	2	6	3
NOTTINGHAM			17·6	1·7	32	10	7	-	1	-	-	1	1	-	-	3	2
LIVERPOOL			26·7	5·2	270	55	43	21	3	11	1	4	11	1	11	12	42
MANCHESTER			27·6	2·9	190	45	35	2	3	5	-	5	3	2	7	27	28
SALFORD			29·9	4·8	81	23	13	10	1	1	-	1	-	-	2	3	7
OLDHAM			25·6	1·2	44	9	6	-	-	1	-	-	1	-	1	1	9
BRADFORD			18·3	1·5	63	20	6	-	3	-	-	1	-	1	-	1	8
LEEDS			21·0	1·2	120	44	18	-	-	3	-	1	1	2	3	5	11
SHEFFIELD			19·8	1·7	107	26	20	-	-	2	1	2	4	-	2	2	9
HULL			19·8	4·1	53	13	9	-	2	1	1	3	4	-	2	3	4
TYNSIDE			25·5	3·8	54	13	15	-	-	4	-	3	-	1	-	2	1
NEWCASTLE-ON-TYNE			25·7	2·9	70	26	9	-	-	3	-	-	3	2	2	1	7
DUBLIN			32·7	5·1	197	31	50	-	2	4	2	4	15	4	4	3	65

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the THIRD Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2189	2202	2276	2239	2362	2465	2537	2358	2498	2627	2375·3	2747
Males . .	1131	1129	1125	1130	1187	1309	1318	1245	1314	1332	1222·0	1446
Females . .	1058	1073	1151	1109	1175	1156	1219	1113	1184	1295	1153·3	1301
TOTAL Deaths	1714	1596	1578	1652	1846	1628	1143	1492	1569	1782	1600·0	1491
Males . .	817	800	781	842	915	779	588	764	799	852	793·7	791
Females . .	897	796	797	810	931	849	555	728	770	930	806·3	700

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867–76, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Oct. 28.	Nov. 4.	Nov. 11.	Nov. 18.	Nov. 25.	Dec. 2.	Dec. 9.	Dec. 16.	Dec. 23.	Dec. 30.	Jan. 6.	Jan. 13.	Jan. 20.
TOTAL Deaths - - -	1277	1403	1635	1886	1504	1558	1446	1443	1456	1510	1507	1358	1491
0—20 - - -	629	655	775	850	699	717	626	678	626	713	673	565	693
20—40 - - -	225	196	259	265	220	212	232	221	256	183	229	218	244
40—60 - - -	214	260	278	331	238	286	256	242	256	274	277	261	258
60—80 - - -	174	243	282	352	276	287	278	247	272	280	278	265	217
at 80 years & upwds.	35	49	41	88	71	56	54	55	46	60	50	49	79
Deaths of { Under 1 year -	309	348	437	438	361	384	324	351	313	357	340	263	367
children { 1—5 - - -	211	220	242	277	225	205	195	238	217	254	222	202	219
{ 5—20 - - -	109	87	96	135	113	128	107	89	96	102	111	100	107
Deaths from 7 principal Zymotic Diseases	157	144	169	205	184	219	197	236	237	235	253	214	210
„ „ Small-pox - - -	15	21	48	52	43	67	50	75	97	75	116	100	79
„ „ Measles - - -	8	18	19	16	27	31	24	31	30	40	28	24	17
„ „ Scarlet fever - -	60	35	32	55	42	41	42	54	37	29	25	23	42
„ „ Diphtheria - - -	8	3	8	6	10	9	8	6	8	9	12	4	5
„ „ Whooping-cough -	18	14	22	27	23	25	28	23	23	34	32	25	31
„ „ Typhus fever - - -	3	-	2	2	3	2	-	3	5	5	3	3	5
„ „ Enteric (or Typhoid) fever -	22	20	20	29	25	21	24	21	15	16	14	17	10
„ „ Simple Cont ^d fever -	5	2	2	2	4	7	6	4	5	6	5	2	3
„ „ Diarrhoea - - -	18	31	16	16	7	16	15	19	17	21	18	16	18
„ „ Simple Cholera - -	-	-	-	-	-	-	-	-	-	1	1	-	-
„ „ Dis. of Respiratory Organs -	267	333	452	593	438	411	315	282	305	352	298	291	290
„ „ Phthisis - - -	172	170	195	208	176	154	150	170	168	149	134	139	166
„ „ Heart Diseases - -	77	102	88	92	67	95	94	87	78	91	101	75	81
Violent Deaths - - -	41	41	64	61	50	55	60	50	54	71	89	51	55
Inquest Cases - - -	76	85	110	121	90	98	104	97	93	123	170	96	101
Deaths in Public Institutions	242	248	319	345	258	300	307	292	297	293	335	297	316
TEMPERATURE OF THE AIR:													
Mean - - -	45·9	44·1	38·6	50·0	43·6	46·0	47·5	42·5	39·9	43·3	46·8	41·5	45·5
Mean of Highest readings -	49·8	51·0	44·7	55·3	47·5	51·1	51·0	45·5	44·0	46·9	50·9	46·2	49·8
Mean of Lowest readings -	42·4	37·3	32·8	44·4	40·3	40·6	44·3	38·8	35·8	39·0	42·0	37·4	39·7
Mean Temperature of the Water of the Thames -	53·7	50·1	47·0	44·4	47·2	45·4	46·9	43·2	42·7	38·5	44·9	44·6	42·7
Humidity of the Air - -	88	80	84	90	85	88	88	89	92	92	87	90	90
Rain-fall in inches - -	0·16	0·20	0·05	1·40	0·30	1·69	1·40	0·24	2·19	1·23	1·34	1·96	0·39

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of the Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereith, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRD Week of the Year 1877.

USES OF DEATH.	Average in the Third Weeks of the 10 years 1867-76.	In the Week ending Saturday, January 20, 1877.								CAUSES OF DEATH.	Average in the Third Weeks of the 10 years 1867-76.	In the Week ending Saturday, January 20, 1877.							
		Deaths of Persons of the Ages										Deaths of Persons of the Ages							
		ALL AGES.	Under 20.			40. 20 and under	60. 40 and under	80. 60 and under	80 Years and upwards.			ALL AGES.	Under 20.			40. 20 and under	60. 40 and under	80. 60 and under	80 Years and upwards.
			Mean Tem.	0-1.	1-5.								5-20.	Mean Tem.	0-1.					1-5.	5-20.
Mean Temperature -	39° 1	45° 5	0-1.	1-5.	5-20.	20 and under	40 and under	60 and under	80 Years and upwards.	Mean Temperature -	39° 1	45° 5	0-1.	1-5.	5-20.	20 and under	40 and under	60 and under	80 Years and upwards.
ALL CAUSES -	1600° 0	1491	367	219	107	244	258	217	79	9. Stricture of Intestines	3	-	-	-	-	-	-	-	-
SPECIFIED CAUSES	1593° 5	1483	360	219	107	244	258	216	79	10. Fistula	1	-	-	-	-	-	-	-	-
ZYMOTIC DISEASES.																			
ORDER 1.																			
Small-pox -	38° 4	79	7	17	26	22	6	1	-	11. Stomach Disease, &c.	6° 5	5	2	-	-	2	-	-	1
Measles -	34° 0	17	6	11	-	-	-	-	-	12. Pancreas Disease, &c.	-	-	-	-	-	-	-	-	-
Scarlet Fever -	54° 2	42	6	26	9	1	-	-	-	13. Hepatitis	2° 3	2	-	-	-	-	-	2	-
Diphtheria -	7° 1	5	-	3	1	-	1	-	-	14. Jaundice	3° 9	2	-	-	-	1	1	1	-
Quinsy -	4	1	-	1	-	-	-	-	-	15. Liver Disease, &c.	16° 6	24	1	-	1	4	15	3	-
Erysipelas -	14° 5	6	-	6	-	-	-	-	-	16. Spleen Disease, &c.	4	-	-	-	-	-	-	-	-
Whooping-cough -	66° 1	31	10	18	3	-	-	-	-	ORDER 5.									
Typhus -	35° 9	5	-	1	4	-	-	-	-	1. Nephritis	2° 9	5	1	-	1	2	1	-	-
Enteric or Typhoid Fev.	35° 9	10	2	2	2	3	1	-	-	2. Ischuria	-	-	-	-	-	-	-	-	-
Simple continued Fev.	10° 2	10	3	2	1	-	3	1	-	3. Bright's Dis. (Nephria)	12° 4	18	-	-	1	6	8	3	-
Erysipelas -	7° 1	6	-	-	-	6	-	-	-	4. Diabetes	3° 1	5	-	-	1	-	3	1	-
Erysipelas -	7° 1	6	-	-	-	6	-	-	-	5. Calculus (Stone)	6	1	-	-	-	1	-	-	-
Erysipelas -	7° 1	6	-	-	-	6	-	-	-	6. Cystitis	1° 3	2	-	-	-	-	-	-	2
Erysipelas -	7° 1	6	-	-	-	6	-	-	-	7. Kidney Disease, &c.	7° 5	7	1	-	-	2	3	1	-
Erysipelas -	7° 1	6	-	-	-	6	-	-	-	ORDER 6.									
Erysipelas -	7° 1	6	-	-	-	6	-	-	-	1. Ovarian Dropsy	2	-	-	-	-	-	-	-	-
Erysipelas -	7° 1	6	-	-	-	6	-	-	-	2. Uterus Disease, &c.	3° 5	3	-	-	-	1	1	1	-
Erysipelas -	7° 1	6	-	-	-	6	-	-	-	ORDER 7.									
Erysipelas -	7° 1	6	-	-	-	6	-	-	-	1. Synovitis (Arthritis)	6	-	-	-	-	-	-	-	-
Erysipelas -	7° 1	6	-	-	-	6	-	-	-	2. Joint Disease, &c.	5° 0	9	1	1	2	3	1	1	-
Erysipelas -	7° 1	6	-	-	-	6	-	-	-	ORDER 8.									
Erysipelas -	7° 1	6	-	-	-	6	-	-	-	1. Phlegmon	2° 3	1	-	-	-	1	-	-	-
Erysipelas -	7° 1	6	-	-	-	6	-	-	-	2. Ulcer	7	1	-	-	-	-	-	1	-
Erysipelas -	7° 1	6	-	-	-	6	-	-	-	3. Skin Disease, &c.	5	2	2	-	-	-	-	-	-
IV. DEVELOPMENTAL DISEASES.																			
ORDER 1.																			
Privation -	1° 1	-	-	-	-	-	-	-	-	1. Premature Birth	21° 9	29	29	-	-	-	-	-	-
Want of Breast-milk -	6° 8	13	13	-	-	-	-	-	-	2. Cyanosis	1° 2	5	4	-	1	-	-	-	-
Purpura and Scurvy -	3° 0	2	-	1	-	1	-	-	-	3. Spina Bifida	1° 0	1	1	-	-	-	-	-	-
Alcohol & Del. Tremens	2° 2	3	-	-	-	1	2	-	-	4. Other Malformations	1° 3	3	3	-	-	-	-	-	-
Alcohol & Del. Tremens	1° 6	1	-	-	-	-	1	-	-	5. Teething	17° 3	15	6	9	-	-	-	-	-
ORDER 2.																			
Thrush -	2° 8	2	1	-	-	-	-	-	1	1. Paramenia	3	-	-	-	-	-	-	-	-
Worms, &c. -	1	-	-	-	-	-	-	-	-	2. Childbirth (see Puer-)	7° 1	8	-	-	-	6	2	-	-
peral Fever)																			
ORDER 3.																			
Gout -	3° 5	3	-	-	-	1	2	-	-	1. Old Age	69° 6	58	-	-	-	-	-	13	45
Dropsy -	11° 6	8	-	-	-	2	3	3	-	ORDER 4.									
Cancer -	35° 4	42	-	-	1	1	19	19	2	1. Atrophy and Debility	63° 2	71	58	8	-	1	2	2	-
Cancerum Oris (Noma)	5	-	-	-	-	-	-	-	-	V. VIOLENT DEATHS, &c.									
Mortification -	4° 3	6	1	-	-	1	3	1	-	ORDER 1.									
(ACCIDENT OR NEGLIGENCE.)																			
Scrofula -	7° 1	14	3	5	6	-	-	-	-	1. Fractures & Contusions	16° 7	19	-	1	5	6	3	4	-
Tabes Mesenterica	18° 1	26	16	7	1	2	-	-	-	2. Wounds { Gunshot	1° 0	-	-	-	-	-	-	-	-
Phthisis -	167° 0	166	3	2	12	97	44	8	-	{ Cut, Stab									
Hydrocephalus -	27° 6	33	19	10	3	1	-	-	-	3. Burns and Scalds	8° 0	8	1	4	1	1	1	-	-
LOCAL DISEASES.																			
ORDER 1.																			
Cephalitis -	16° 4	18	5	7	2	3	1	-	-	4. Poison	1° 5	1	-	-	-	1	1	-	-
Apoplexy -	38° 9	33	3	1	-	5	8	14	2	5. Drowning	5° 1	12	-	-	2	4	4	2	-
Paralysis -	34° 9	35	-	-	-	1	9	19	6	6. Suffocation	13° 7	9	8	-	-	1	-	-	-
Insanity -	2° 1	-	-	-	-	-	-	-	-	7. Otherwise	2° 4	1	-	-	-	-	-	-	-
Chorea -	1	1	-	1	-	-	-	-	-	ORDER 3.									
Epilepsy -	5° 0	7	-	1	1	3	1	1	-	(HOMICIDE.)									
Convulsions -	52° 6	53	44	9	-	-	-	-	-	1. Murder & Manslaughter	2° 5	2	2	-	-	-	-	-	-
Brain Disease, &c.	18° 9	28	-	3	2	2	8	11	2	ORDER 4.									
SUICIDE.)																			
Pericarditis -	2° 8	3	-	-	3	-	-	-	-	1. Wounds { Gunshot	5° 5	1	-	-	-	-	-	1	-
Aneurism -	2° 1	3	-	-	1	2	-	-	-	{ Cut, Stab	2° 0	-	-	-	-	-	-	-	-
Heart Disease, &c.	80° 8	75	2	1	9	13	27	21	2	2. Poison	6	1	-	-	-	1	-	-	-
ORDER 3.																			
Laryngitis -	8° 7	5	1	4	-	-	-	-	-	3. Drowning	9	-	-	-	-	-	-	-	-
Bronchitis -	23° 8	179	40	27	1	2	40	56	13	4. Hanging	1° 4	1	-	-	-	-	-	1	-
Pleurisy -	3° 9	6	-	-	-	2	3	1	-	5. Otherwise	2	-	-	-	-	-	-	-	-
Pneumonia -	88° 8	70	21	20	3	9	9	8	-	ORDER 5.									
Asthma -	20° 8	11	-	-	-	6	6	-	-	(EXECUTION.)									
Lung Disease, &c.	19° 0	19	7	5	1	1	1	3	1	1. Hanging	-	-	-	-	-	-	-	-	-
ORDER 4.																			
Gastritis -	1° 8	-	-	-	-	-	-	-	-	Violent Deaths (not classed)	8	-	-	-	-	-	-	-	-
Enteritis -	5° 2	12	3	1	3	3	2	-	-	Sudden Deaths (Cause	1° 7	-	-	-	-	-	-	-	-
Peritonitis -	5° 8	5	-	-	2	2	1	-	-	unascertained) -									
Ascites -	1° 4	2	-	-	-	2	-	-	-	Causes not specified or	4° 8	8	7	-	-	-	-	1	-
Ulceration of Intestines	3° 6	3	1	-	1	1	-	-	-	ill-defined -									
Hernia -	4° 3	2	-	-	1	1	-	-	-										
Gonorrhea -	3° 6	2	-	1	-	1	-	-	-										
Intussusception -	7	3	2	-	1	-	-	-	-										

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, TYPHUS, ENTERIC (or Typhoid) Fever, SIMPLE continued Fever, DIARRHŒA, VIOLENCE, during the Week ending

REGISTRATION SUB-DISTRICTS.		Enu- mer- ated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include													Inquest Cases.
					Deaths of		Deaths from											
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhea.	Violence.		
LONDON		3,254,260	2747	1491	367	296	79	17	42	5	31	5	10	3	18	55	101	
WEST DISTRICTS.																		
St. Mary Paddington WH		58728	44	18	2	5	-	-	-	-	-	-	-	-	1	1	1	
St. John Paddington H		38085	11	11	2	3	-	-	-	-	1	-	-	-	-	3	5	
Kensington Town W		91645	81	38	13	11	1	-	1	-	-	-	-	-	1	-	3	
Brompton H		28654	21	10	4	3	-	-	-	-	-	-	-	-	-	-	-	
St. Peter Hammersmith		1662	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Paul Hammersmith H		36329	41	13	3	2	-	-	-	-	-	-	-	-	-	-	1	
Fulham WH		23350	22	13	3	4	-	-	-	-	-	-	-	-	-	-	-	
Chelsea South HHH		26420	15	15	5	3	-	-	-	-	1	-	-	-	-	-	1	
Chelsea North-west WHHH		22926	25	12	1	1	1	-	-	-	-	-	-	-	-	-	-	
Chelsea North-east		21392	26	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hanover Square H		18698	8	5	1	2	-	-	-	-	-	-	-	-	1	-	-	
May Fair WW		13358	4	5	2	1	1	-	-	-	-	-	-	-	-	-	-	
Belgrave HH		57972	32	22	5	2	1	-	-	-	-	-	1	-	2	2	3	
St. John Westminster HH		38478	33	8	2	1	-	-	-	-	-	-	-	-	1	-	2	
St. Margaret Westminster WH		27781	14	13	1	8	-	-	-	-	-	-	-	-	-	2	2	
Golden Square WH		12860	6	6	1	3	-	-	-	-	-	-	-	-	-	-	-	
Berwick-street H		20759	11	5	2	1	-	-	-	-	-	-	-	-	1	-	-	
St. Anne Soho HHHHH		17562	15	6	1	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH DISTRICTS.																		
All Souls Marylebone HHHH		28579	14	15	2	3	-	-	-	1	-	-	-	-	-	3	3	
Cavendish Square HH		15425	1	5	3	2	-	-	-	-	-	-	-	-	-	-	-	
Rectory Marylebone WH		26384	9	22	5	5	1	1	-	-	-	-	-	-	1	-	-	
St. Mary Marylebone HHH		21786	18	8	3	2	-	-	-	-	-	-	-	-	-	-	-	
Christchurch Marylebone H		33944	24	11	3	2	-	-	-	-	-	1	-	-	-	-	-	
St. John Marylebone H		33186	18	11	4	2	-	-	1	-	-	-	-	-	-	-	1	
Hampstead WvHH		32281	27	20	2	1	7	-	-	1	-	-	-	-	-	-	-	
Regent's Park Pancras H		38200	20	9	5	-	-	-	-	-	-	-	-	-	-	1	-	
Tottenham-court WHHH		29370	20	21	2	5	1	-	-	-	-	1	-	-	-	3	3	
Gray's Inn Lane HH		29221	20	11	3	3	1	-	1	-	-	1	-	-	-	-	1	
Somers Town		38533	22	17	3	4	-	-	-	-	-	-	-	-	-	-	-	
Camden Town W		17943	16	13	2	5	-	1	-	-	-	-	-	-	1	1	1	
Kentish Town w		68198	66	33	7	9	-	-	1	-	4	-	-	-	1	1	3	
Islington West HHH		97820	92	41	7	7	4	2	1	-	3	-	1	-	1	1	1	
Islington East WvWH		115958	110	54	15	9	1	-	1	-	2	-	1	-	-	-	-	
Stoke Newington H		9841	17	4	2	-	-	1	-	-	-	-	-	-	-	-	-	
Stamford Hill		6598	3	2	1	-	-	-	-	-	-	-	-	-	-	-	1	
West Hackney		28069	31	14	3	5	1	-	-	-	-	-	-	-	-	-	-	
Hackney WvWHL		50104	51	42	7	10	18	-	2	-	2	-	-	-	-	-	1	
South Hackney		30339	24	22	8	2	3	1	-	-	1	-	-	-	1	1	5	
CENTRAL DISTRICTS.																		
St. George Bloomsbury		17853	11	4	1	1	-	-	-	-	-	-	-	-	-	-	-	
St. Giles South WH		19109	27	7	-	1	-	-	-	-	-	-	-	-	-	-	1	
St. Giles North		16594	15	3	-	1	-	-	-	1	-	-	-	-	-	-	-	
Long Acre		11379	5	3	1	-	-	-	-	-	-	-	-	-	-	1	2	
Charing Cross HH		9859	1	3	-	1	-	-	-	-	-	-	-	-	-	1	1	
St. Mary-le-Strand		9378	5	7	2	1	-	-	-	-	-	-	-	-	-	-	-	
St. Clement Danes H		10723	7	7	-	1	-	-	-	-	-	-	1	-	-	1	1	
St. George-the-Martyr HHHHH		20521	16	8	-	2	-	-	-	-	-	-	-	-	-	-	-	
St. Andrew Eastern W		13529	7	9	1	3	-	-	-	-	-	-	-	-	-	1	1	
Saffron Hill H		9066	1	5	3	1	-	-	-	-	-	-	-	-	-	1	2	
St. James Clerkenwell W		18917	17	9	1	1	-	1	1	-	-	1	-	-	-	-	-	
Amwell Clerkenwell		16884	24	5	2	-	-	-	-	-	-	-	-	-	-	1	2	
Pentonville		13337	11	9	2	-	-	1	-	-	-	-	-	-	-	-	1	
Goswell-street		16242	14	3	-	1	-	-	-	-	1	-	-	-	-	-	-	
Old-street H		12161	9	3	1	-	-	-	1	-	-	-	-	-	-	-	1	
City-road HHL		18301	21	6	3	1	-	-	-	-	-	-	-	-	-	-	-	
Whitecross-street		13792	12	4	1	-	-	-	-	-	-	-	-	-	-	-	-	
Finsbury		10741	8	3	3	-	-	-	-	-	-	-	-	-	-	1	1	
St. Botolph East London H		14540	9	8	4	3	-	-	1	-	-	-	-	-	1	-	-	
Cripplegate		13638	4	3	1	-	-	-	-	-	-	-	-	-	-	-	1	
St. Sepulchre H		7562	1	11	-	1	-	-	-	-	-	-	-	-	-	4	4	
St. Bride W		11185	5	4	1	1	-	-	-	-	-	-	-	-	-	-	-	
Castle Baynard		4426	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Christchurch		6270	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Queenhithe		4753	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Allhallows Barking		5764	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Broad Street H		7845	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page.

TABLE 7. LONDON—OUTER RING.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c. registered during the Week ending Saturday, 20th January 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include											
						Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.		
	LONDON—OUTER RING	368,414	631,381	549	224	57	56	10	1	5	6	-	4	4	7	13	20
29: 1	Carshalton <i>W</i> - - -	12228	13523	10	7	-	1	-	-	-	-	-	-	-	-	-	-
2	Epsom (<i>part of</i>) * <i>WH</i> -	9971	9145	13	-	-	-	-	-	-	-	-	-	-	-	-	-
36: 1	Godstone (<i>part of</i>) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37: 1	Croydon <i>WWH</i> - - -	20851	71319	59	26	4	8	1	-	-	5	-	3	-	-	1	4
2	Mitcham <i>WH</i> - - -	11697	12534	13	3	1	2	-	-	-	-	-	-	-	-	-	-
38: 1	Wimbledon <i>HH</i> - - -	3220	9087	7	1	1	-	-	-	-	-	-	-	-	-	-	-
2	Kingston <i>WH</i> - - -	8549	27489	22	8	4	1	-	-	-	-	-	-	-	-	-	-
3	Esher (<i>part of</i>) * - - -	6601	7353	9	2	1	-	-	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	10	3	-	-	-	-	-	-	-	-	-	-	-	-
39: 1	Richmond <i>WH</i> - - -	2271	16829	15	2	-	2	-	-	-	-	-	-	-	-	-	2
2	Mortlake - - - -	2961	9316	4	4	-	1	-	-	-	-	-	-	-	-	-	-
40: 1	Bromley (<i>part of</i>) * <i>HH</i> -	15669	19509	11	4	-	2	-	-	-	-	-	-	-	1	1	1
2	Chislehurst (<i>part of</i>) * <i>W</i> -	13665	10028	13	3	-	2	-	-	-	-	-	-	-	-	-	-
41: 1	Bexley <i>H</i> - - - -	13439	19566	12	8	1	-	-	-	-	-	-	-	-	2	2	1
123: 1	Sunbury <i>W</i> - - - -	11055	9860	6	3	1	-	1	-	-	-	-	-	-	-	-	-
2	Staines <i>W</i> - - - -	13277	10339	8	3	2	-	-	-	-	-	-	-	-	1	1	-
124: 1	Hillingdon <i>WH</i> - - -	6029	9712	8	2	1	1	-	-	1	-	-	-	-	-	-	-
2	Uxbridge - - - -	6178	5329	3	3	2	-	-	-	-	-	-	-	-	-	-	-
3	Hayes <i>WL</i> - - - -	14587	10497	2	1	-	-	-	-	-	-	-	-	-	-	-	1
125: 1	Isleworth <i>W</i> - - - -	7008	19930	17	7	3	2	-	-	-	-	-	-	1	-	1	1
2	Twickenham - - - -	2477	10533	10	3	1	-	-	-	-	-	-	-	-	-	-	-
3	Brentford <i>HL</i> - - - -	4370	20279	12	7	3	2	-	-	-	-	-	-	-	-	-	-
4	Chiswick - - - -	1311	8508	11	8	-	2	1	-	-	-	-	-	-	1	1	-
5	Acton <i>WH</i> - - - -	6087	12683	10	7	2	2	-	-	-	1	-	-	-	-	1	-
126: 1	Harrow <i>H</i> - - - -	13809	10869	4	3	1	1	-	-	-	-	-	-	1	-	-	-
2	Edgware - - - -	6994	3450	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	20	4	-	-	-	-	-	-	-	-	-	-	-	-
4	Hendon <i>WH</i> - - - -	8382	6972	7	2	-	2	-	-	-	-	-	-	-	-	-	2
127: 1	South Mimms - - - -	15419	5924	6	4	2	1	-	-	1	-	-	-	-	-	-	-
2	Barnet <i>W</i> - - - -	5423	7752	3	1	1	-	-	-	-	-	-	-	-	-	-	-
3	Finchley <i>L</i> - - - -	4688	11493	14	10	3	1	-	-	-	-	-	-	-	-	1	3
128: 1	Hornsey <i>H</i> - - - -	3039	19357	18	11	3	2	1	1	1	-	-	1	-	1	2	-
2	Tottenham <i>H</i> - - - -	4642	22869	28	9	2	4	-	-	-	-	-	-	-	-	-	-
3	Edmonton <i>WW</i> - - - -	7483	13860	19	8	1	5	-	-	-	-	-	-	-	-	-	4
4	Enfield <i>WH</i> - - - -	12653	16054	3	6	2	-	-	-	-	-	-	-	1	-	-	-
5	Waltham Abbey - - -	11017	5197	5	1	-	1	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	1	1	-	-	-	-	-	-	-	-	-	-	-	-
124: 1	Hatfield (<i>part of</i>) * - - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136: 1	Bushey - - - -	9028	6472	11	1	-	-	-	-	-	-	-	-	-	1	1	-
135: 1	Stratford - - - -	882	23286	17	9	2	1	2	-	-	-	-	-	-	-	-	-
2	West Ham <i>WWWW</i> - - -	7345	44642	63	19	4	6	1	-	2	-	-	-	-	-	-	-
3	Leyton <i>WW</i> - - - -	4274	15513	14	5	1	2	1	-	-	-	-	-	-	-	1	1
4	Walthamstow <i>H</i> - - -	6619	15701	15	11	5	2	2	-	-	-	-	-	1	-	-	-
136: 1	Chigwell (<i>part of</i>) * <i>H</i> -	10483	8169	9	2	1	-	-	-	-	-	-	-	-	-	-	-
138: 1	Romford (<i>part of</i>) * - - -	6730	2879	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - - -	8492	5947	4	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - - -	4128	6576	3	2	2	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:—
 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134: 1, only the parish of Northaw in Hatfield sub-district; 136: 1, the whole of the Chigwell sub-district, except the parish of Thoidon-Bois (pop. 798); 138: 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—DEATHS and ANNUAL RATE OF MORTALITY in GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS), during the Week ending Saturday, 20th January 1877.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhea.	Violence.		
REATER LONDON	446,494	4,367,547	20·5	2·9	1715	424	352	89	18	47	11	31	22	22	62	336	
INNER LONDON -	78,080	3,533,484	22·0	3·1	1491	367	296	79	17	42	5	31	18	18	55	316	
OUTER RING -	368,414	834,063	14·0	1·9	224	57	56	10	1	5	6	-	4	4	7	20	

NOTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 697·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and ANNUAL RATE OF MORTALITY in 25 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	December 16	-	311	37·8	Enteric and simple fevers 73; cholera 51.
BOMBAY - -	644,405	" 12	-	405	32·8	Small-pox 4.
MADRAS - -	397,552	" 8	-	373	49·0	Cholera 72.
PARIS - - -	1,851,792	January 18	-	955	26·9	Typhoid fever 40; small-pox 6.
BRUSSELS - -	188,609	" 13	116	79	21·9	Small-pox 7.
AMSTERDAM -	289,981	" 6	220	135	24·3	Typhus and typhoid fever 3.
ROTTERDAM -	136,231	" 6	118	65	24·9	—
THE HAGUE -	104,095	" 6	69	47	23·6	—
COPENHAGEN -	211,000	" 9	181	85	21·0	Whooping-cough 5.
STOCKHOLM -	144,305	" 6	-	91	32·9	Scarlet fever 7.
CHRISTIANIA -	79,000	" 13	69	37	24·4	Measles 2; scarlet fever 2.
BERLIN - - -	980,000	December 30	872	523	27·8	Diphtheria 23; scarlet fever 17.
HAMBURG(State)	388,618	" 30	325	204	27·4	Measles 4.
BRESLAU - -	240,471	January 6	159	136	29·5	Diphtheria 3.
MUNICH - - -	209,000	" 13	-	137	34·2	Diphtheria and croup 4.
VIENNA - - -	714,548	" 13	484	372	27·2	Small-pox 19.
BUDA-PESTH -	300,000	" 6	-	-	-	—
ROME - - -	262,428	December 24	148	142	28·2	Fevers 25.
NAPLES - - -	452,100	January 7	-	313	36·1	Diphtheria 6; small-pox 4.
TURIN - - -	223,488	" 6	100	100	23·3	Typhus and typhoid fever 7.
ALEXANDRIA -	212,034	" 6	255	237	58·3	Whooping-cough 10.
NEW YORK - -	1,060,000	December 23	-	432	21·3	Diphtheria 21; scarlet fever 20.
BROOKLYN - -	506,223	" 23	-	185	19·1	Diphtheria 15.
PHILADELPHIA -	825,594	" 30	-	318	20·1	Typhoid fever 20; small-pox 10.
BOSTON - - -	352,000	" 30	-	150	22·2	Scarlet fever 9.

TABLE 12.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 20th JANUARY, 1877.
[Under the Superintendence of the Astronomer Royal.]

1877. MONTH AND DAY.	MOON. Phases of Moon.	READINGS OF THERMOMETERS.										DIFFERENCE				Degree of Hu- midity, complete Satura- tion being repre- sented by 100.	WIND.					RAIN. Collected in a Gauge receiving surface is 5 in. above the ground.			
		BARO- METER. Mean daily reading (cor- rected and re- duced to 32 deg. Fahren- heit).	Dry			Dew Point. Mean daily value.	Highest in the sun, as shown by a self-regis- tering Thermo- meter with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-regis- tering Thermo- meter.	In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between Dew Point Temperature and Air Temperature.		Between mean tem- perature of the day and mean tem- perature of the same day on an average of 60 years.*	General Direction.	As deduced from Anemometers.			Amount of Depart- ure from Horizontal Average of Air each day.							
			High- est.	Low- est.	Range in day.				Mean daily value.	Mean daily value.	Highest.	Lowest.			Great- est. daily value.		Least.		Pressure on square foot.		Robinson's.				
																			A.M.	P.M.			Great- est.	Least.	Mean of 24 Obs.
JANUARY.																									
SUN. 14	New	29.532	49.2	37.5	11.7	45.2	43.2	53.0	36.2	40.3	39.1	2.0	2.9	0.7	8.8	0.7	0.0	0.0	0.1	322	+ 15	0.28	1.3		
MON. 15	Apogee.	29.890	43.4	35.5	7.9	39.0	33.0	59.4	30.8	42.5	39.5	6.0	8.8	3.8	2.5	3.8	0.0	0.0	0.1	346	+ 31	0.01	5.5		
TUES. 16	..	29.898	51.3	41.5	9.8	47.2	44.8	77.2	33.9	41.5	40.3	2.4	5.6	1.9	10.6	1.9	0.0	0.0	0.1	392	+ 69	0.00	6.7		
WED. 17	..	29.668	51.1	42.5	8.6	48.1	46.7	55.6	38.5	42.8	40.3	1.4	4.0	0.8	11.4	0.8	0.0	0.0	0.3	339	+ 10	0.04	10.7		
THURS. 18	..	29.641	51.0	39.0	12.0	46.1	44.0	53.0	35.0	45.3	41.8	2.1	5.7	1.1	9.3	1.1	0.0	0.0	0.7	410	+ 76	0.02	15.5		
FRI. 19	In Equator	29.690	56.1	47.4	8.7	51.7	47.9	58.6	41.8	46.3	43.3	3.8	5.7	0.0	14.7	0.0	0.0	0.0	1.8	623	+ 235	0.04	9.3		
SAT. 20	..	30.225	46.6	34.5	12.1	41.0	38.8	51.3	30.6	48.3	45.3	2.2	6.1	0.5	3.8	0.5	0.0	0.0	0.0	125	- 217	0.00	0.0		
MEANS .	..	29.791	49.8	39.7	10.1	45.5	42.6	58.3	35.3	43.9	41.4	2.8	5.5	1.3	8.7	1.3	..	..	..	Sum 2557	Sum + 269	0.39	7.0
No. of Col.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

ELECTRICITY.

SKY AND ATMOSPHERE.

NOTES.

Overcast. Frequent rain.

A little rain fell in the early morning hours; fine and partially cloudy during day.

Generally cloudy.

Overcast. Occasional rain.

Overcast. Occasional rain. A little hail in afternoon.

Generally cloudy. Occasional rain.

Cloudy and misty till afternoon; cloudless at night. Fog and hoar frost at night.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873. *In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and - "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer decreased from 29.89 in. at the beginning of the week to 29.38 in. by 8h. P.M. on the 14th; increased to 29.96 in. by 9h. P.M. on the 15th; decreased to 29.60 in. by 9h. P.M. on the 18th; and increased to 30.37 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS
OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 4. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, JANUARY 27. [Price 1½d.

*General Register Office, Somerset House,
29th January, 1877.*

UNITED KINGDOM.

DURING last week 5963 *births* and 3500 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2463. The mortality from all causes was at the average rate of 22 deaths annually in every 1000 persons living. The annual death-rate was 22 per 1000 in Edinburgh, 26 in Glasgow, and 31 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Brighton 16, Portsmouth 18, Birmingham 18, Leicester 19, Norwich 19, Bristol 20, Leeds 20, Wolverhampton 21, Sunderland 21, Hull 21, London 21, Sheffield 22, Nottingham 22, Plymouth 23, Bradford 23, Newcastle-upon-Tyne 23, Manchester 26, Oldham 27, Salford 28, and Liverpool 29. The annual death-rate from the seven principal zymotic diseases averaged 2·9 per 1000 in the twenty towns, and ranged from 0·0 in Plymouth, to 4·8 and 6·3 in Liverpool and Salford. The fatal cases of small-pox in the twenty towns were 113, against 146, 128, and 113, in the three preceding weeks; 86 occurred in London, 19 in Liverpool, 2 in Manchester (exclusive of three fatal municipal cases in the Monsall Hospital), 6 in Salford, and not one in any of the sixteen other towns.

LONDON.

In LONDON 2572 BIRTHS and 1425 DEATHS were registered. Allowing for increase of population, the births exceeded by one, whereas the deaths were 270 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 20·1 and 22·0 per 1000, was last week 21·0.

The 1425 deaths included 86 from small-pox, 22 from measles, 21 from scarlet fever, 3 from diphtheria, 40 from whooping-cough, 21 from different forms of fever, and 11 from diarrhœa; thus to the seven principal diseases of the zymotic class 204 deaths were referred, against 253, 214, and 210 in the three preceding weeks. These 204 deaths were 43 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 3·0 per 1000. Excepting small-pox, the fatal cases of each of these zymotic diseases were considerably below the corrected average weekly numbers. The 40 deaths from whooping-cough, of which 8 occurred in Mile End, showed a further increase upon the numbers in recent weeks. The fatal cases of scarlet fever, however, which had been 42 in the previous week, declined to 21, the lowest weekly number since March, 1876. The 21 deaths referred to fever were 15 below the corrected average; 4 were certified as typhus, 14 as enteric or typhoid, and 3 as simple fever. Of the four fatal cases of typhus, two resulted from the outbreak in Chelsea, and the other two occurred in Bemerton and Pulteney-streets, Islington. Two deaths from enteric fever occurred in St. John Westminster, and two in Somers Town sub-districts.

The deaths from small-pox, which had been 116, 100, and 79 in the first three weeks of the year, were 86 last week, of which 38 were certified as unvaccinated, and 22 as vaccinated; in the remaining 26 cases the medical certificates did not furnish any information as to vaccination. In order fully to appreciate the remarkable tendency of small-pox to single out the unvaccinated for its victims, it

should be remembered that the vaccinated in the present population of London are probably nine times as numerous as the unvaccinated.

The 86 deaths from small-pox included 36 in the Metropolitan Asylum Hospitals at Homerton, Stockwell, and Hampstead, 2 in the Highgate Small-pox Hospital, 2 in the North Street Infirmary (Poplar), and one each in the Clerkenwell Workhouse and the House of Correction at Clerkenwell; the remaining 44, or 51 per cent. of the total cases, occurred in private dwellings. After distributing the hospital cases, it appears that 9 of the deceased small-pox patients had resided in Lambeth (including 3 at Lower Norwood), 6 in St. George's Southwark, 6 in Battersea, 5 in Hackney, 5 in Newington, and 5 in Poplar; 8 belonged to the West, 17 to the North, 4 to the Central, 20 to the East, and 37 to the South groups of districts. The fatal cases showed a decline in East London, whereas they were more numerous in the West, Central, and South districts. The Metropolitan Asylum Hospitals, with accommodation for 900, contained 830 small-pox patients on Saturday last.

Two unvaccinated children of a boot-maker died from small-pox in the Holloway Road, Islington, on 24th and 26th instant, aged seven months, and four years, respectively.

Different forms of violence caused 52 deaths; 40 were the result of negligence or accident, including 14 from fractures and contusions, 6 from burns and scalds, 4 from drowning, 2 from poison, and 14 of infants under one year of age from suffocation. Three deaths were caused by horses or vehicles in the streets.

In the large Public Institutions 283 deaths were recorded, or 20 per cent. of the total deaths; of these, 177 occurred in Workhouse Establishments, 100 in Hospitals, and 6 in Lunatic Asylums. The London Fever Hospital contained 66 patients on Saturday last (against 71 at the end of the previous week), including 58 cases of scarlet fever and 4 of enteric fever.

GREATER LONDON.

In Greater London 3059 births and 1675 deaths were registered, equal to annual rates of 36·5 and 20·0 per 1000 of the population. The 11 fatal cases of small-pox in the Outer Ring included 6 in the District of West Ham, 2 in Croydon, one in Mitcham, one in Sunbury, and one at Edmonton. The two small-pox deaths in Croydon occurred in the workhouse; one was of a child aged three years, vaccinated one week before the eruption appeared, and the other was an unvaccinated case. An unvaccinated postman, aged 31 years, died from small-pox in Walthamstow. Two deaths from enteric fever occurred at Kingston.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Bombay was 34, Madras 64; Paris 28; Geneva 30; Brussels 26; Amsterdam 24, Rotterdam 26, The Hague 23; Copenhagen 21; Stockholm 32; Christiania 24; Berlin 27, Hamburg 27, Breslau 33, Munich 34; Vienna 26, Buda-Pesth 42; Naples 32, Turin 22; Alexandria 44; New York 23, Brooklyn 20, Philadelphia 16, and Boston 19. Cholera caused 88 deaths in Madras, typhoid fever 30 deaths in Paris, and small-pox 26 deaths in Vienna.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·08 in.; the highest reading was 30·48 in. on Sunday, and the lowest 29·43 in. on Thursday. The mean temperature of the *air* was 39°·0, or 1°·3 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average on Monday and Friday, but showed an excess on each of the other days; on Thursday the mean was 43°·8 and 5°·9 above the average, while on Friday it was only 36°·4 and was in defect by 1°·6. The lowest night temperature was 27°·7 on Sunday, and the highest day temperature in the shade 51°·8 on Thursday; the extreme range in the week was, therefore, 24°·1. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 88°·2 on Tuesday. The difference between the mean *dew-point* and *air* temperature averaged 3°·8. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 43°·2. The mean degree of *humidity* of the air was 87, complete saturation being represented by 100. The general direction of the *wind* was Southerly, and the horizontal movement of the air averaged 11·1 miles per hour, which was 3·0 below the average in the corresponding week of 16 years. *Rain* fell on three days of the week, to the aggregate amount of 0·40 of an inch.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames was 347,378 cubic metres at Crossness, and 414,695 cubic metres at Barking, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the United Kingdom, during the Week ending Saturday, the 27th day of January 1877.

CITIES AND BOROUGHES. <i>(Municipal Boundaries, except for LONDON and DUBLIN.)</i>	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 27th January 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
23 TOWNS in the UNITED KINGDOM	212,881	8,144,940	38·3	5963	3500	53·0	27·7	40·5	4·72	0·46	1·17
LONDON - - -	75,362	3,533,484	46·9	2572	1425	51·8	27·7	39·0	3·89	0·40	1·02
BRIGHTON - - -	2,354	102,264	43·4	50	32	50·0	32·0	40·1	4·50	0·46	1·17
PORTSMOUTH - - -	4,486	127,144	28·3	93	43	51·3	34·0	42·8	6·00	-	-
WORWICH - - -	7,472	84,023	11·2	56	31	47·5	31·0	38·8	3·78	0·40	1·02
PLYMOUTH - - -	1,395	72,911	52·3	53	32	52·5	35·0	44·1	6·73	0·57	1·45
BIRMINGHAM - - -	4,452	202,950	45·6	135	76	51·0	31·3	41·3	5·17	0·69	1·75
SHEFFIELD - - -	3,396	73,339	21·6	66	29	47·9	29·0	37·9	3·28	0·32	0·81
MANCHESTER - - -	8,400	377,436	44·9	337	130	-	-	-	-	-	-
LIVERPOOL - - -	3,200	117,461	36·7	90	43	48·8	31·2	39·2	4·00	0·45	1·14
GLASGOW - - -	1,996	95,025	47·6	68	40	48·5	29·2	39·3	4·06	0·27	0·69
EDINBURGH - - -	5,210	527,083	101·2	372	294	49·7	36·5	42·1	5·62	0·52	1·32
NEWCASTLE-ON-TYNE - - -	4,293	359,213	83·7	282	132	50·5	33·0	40·3	4·89	0·54	1·37
GLoucester - - -	5,170	141,184	27·3	132	75	50·8	31·1	40·6	4·78	0·55	1·40
Cardiff - - -	4,666	89,796	19·2	79	46	-	-	-	-	-	-
Bradford - - -	7,220	179,315	24·8	124	79	49·8	35·4	41·0	5·00	0·32	0·81
Leeds - - -	21,572	298,189	13·8	252	114	49·0	32·0	40·2	4·55	0·30	0·76
Sheffield - - -	19,651	282,130	14·4	205	117	50·0	33·0	41·1	5·06	0·69	1·75
Hull - - -	3,635	140,002	38·5	98	56	47·0	28·0	38·1	3·39	0·34	0·86
Underland - - -	3,306	110,382	33·4	78	44	49·0	32·0	40·1	4·50	0·27	0·69
Newcastle-on-Tyne - - -	5,371	142,231	26·5	109	63	-	-	-	-	-	-
Edinburgh - - -	4,191	218,729	52·2	130	91	47·2	32·5	40·2	4·55	0·84	2·13
Glasgow - - -	6,033	555,933	92·1	389	274	-	-	-	-	-	-
Dublin - - -	10,050	314,666	31·3	193‡	184‡	53·0	30·3	43·7	6·50	0·37	0·94

* For names of the Meteorological Observers in the several towns, see note at foot of Table 4.
† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by the addition of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population of Dublin is taken as stationary at the number enumerated in April 1871.
‡ These numbers include averages for two registration districts.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,055,612 persons, and in DUBLIN, during the Week ending Saturday the 27th day of January 1877.

BOROUGHES, &c. <i>Municipal Boundaries, except for LONDON and DUBLIN.)</i>	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.		
In 20 TOWNS -	21·8	2·9	2951	678	618	113	39	61	8	80	62	30	100	169	492
LONDON - - -	21·0	3·0	1425	330	309	86	22	21	3	40	21	11	52	91	283
BRIGHTON - - -	16·3	1·5	32	5	10	-	-	3	-	-	-	-	-	1	6
PORTSMOUTH - - -	17·6	1·2	43	10	13	-	-	1	-	1	1	-	1	2	4
WORWICH - - -	19·3	1·9	31	3	14	-	1	2	-	-	-	-	-	1	3
PLYMOUTH - - -	22·9	0·0	32	9	14	-	-	-	-	-	-	-	-	1	2
BIRMINGHAM - - -	19·5	3·1	76	17	13	-	-	3	-	5	2	2	-	1	7
SHEFFIELD - - -	20·6	2·8	29	8	7	-	-	3	-	1	-	-	-	1	6
MANCHESTER - - -	18·0	2·1	130	22	21	-	3	4	1	2	1	4	4	6	24
LIVERPOOL - - -	19·1	2·2	43	13	12	-	1	1	-	2	1	-	2	2	3
GLASGOW - - -	22·0	0·6	40	10	8	-	-	1	-	-	-	-	1	1	3
EDINBURGH - - -	29·1	4·8	294	62	59	19	2	2	1	5	15	4	17	21	55
NEWCASTLE-ON-TYNE - - -	26·4	3·1	182	34	34	2	3	4	-	7	2	3	9	20	34
GLoucester - - -	27·7	6·3	75	15	9	0	3	4	1	-	3	-	2	2	9
Cardiff - - -	26·7	2·9	46	11	5	-	-	-	1	2	1	1	2	2	5
Bradford - - -	23·0	3·8	79	19	15	-	3	1	-	3	5	1	1	3	6
Leeds - - -	20·0	1·4	114	34	19	-	-	3	1	1	3	-	1	4	11
Sheffield - - -	21·6	2·6	117	39	20	-	-	2	-	4	5	3	3	4	13
Hull - - -	20·9	3·0	56	13	15	-	1	3	-	3	1	-	5	5	8
Underland - - -	20·8	3·8	44	9	9	-	-	2	-	4	1	1	-	1	1
NEWCASTLE-ON-TYNE	23·1	0·4	63	15	12	-	-	1	-	-	-	-	-	-	9
DUBLIN - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the FOURTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2237	2323	2260	2359	2318	2317	2404	2532	2567	2733	2405·0	2572
Males . .	1160	1157	1153	1200	1183	1182	1222	1281	1342	1412	1229·2	1299
Females .	1077	1166	1107	1159	1135	1135	1182	1251	1225	1321	1175·8	1273
TOTAL Deaths	1880	1395	1737	1613	1632	1602	1247	1449	1650	1637	1584·2	1425
Males . .	956	717	874	803	824	814	654	732	821	794	799·4	729
Females .	924	678	863	805	808	788	593	717	829	843	784·8	696

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867-76 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Nov. 4.	Nov. 11.	Nov. 18.	Nov. 25.	Dec. 2.	Dec. 9.	Dec. 16.	Dec. 23.	Dec. 30.	Jan. 6.	Jan. 13.	Jan. 20.	Jan. 27.
TOTAL Deaths - - -	1403	1635	1886	1504	1558	1446	1443	1456	1510	1507	1358	1491	1425
0—20 - - -	655	775	850	699	717	626	678	626	713	673	565	693	636
20—40 - - -	196	259	265	220	212	232	221	256	183	229	218	244	226
40—60 - - -	260	278	331	238	286	256	242	256	274	277	261	258	254
60—80 - - -	243	282	352	276	287	278	247	272	280	278	265	217	251
at 80 years & upwds.	49	41	88	71	56	54	55	46	60	50	49	79	58
Deaths of children { Under 1 year -	348	437	438	361	384	324	351	313	357	340	263	367	331
{ 1—5 - - -	220	242	277	225	205	195	238	217	254	222	202	219	209
{ 5—20 - - -	87	96	135	113	128	107	89	96	102	111	100	107	96
Deaths from 7 principal Zymo- totic Diseases {	144	169	205	184	219	197	236	237	235	253	214	210	204
" " Smallpox - - -	21	48	52	43	67	50	75	97	75	116	100	79	86
" " Measles - - -	18	19	16	27	31	24	31	30	40	28	24	17	22
" " Scarlet Fever - -	35	32	55	42	41	42	54	37	29	25	23	42	21
" " Diphtheria - - -	3	8	6	10	9	8	6	8	9	12	4	5	3
" " Whooping-cough -	14	22	27	23	25	28	23	23	34	32	25	31	40
" " Typhus fever - - -	-	2	2	3	2	-	3	5	5	3	3	5	4
" " Enteric (or Typhoid) fever -	20	20	29	25	21	24	21	15	16	14	17	10	14
" " Simple Cont ^d fever -	2	2	2	4	7	6	4	5	6	5	2	3	3
" " Diarrhoea - - -	31	16	16	7	16	15	19	17	21	18	16	18	11
" " Simple Cholera - -	-	-	-	-	-	-	-	-	1	1	-	-	-
" " Dis. of Respiratory Organs -	333	452	593	438	411	315	282	305	352	298	291	290	304
" " Phthisis - - -	170	195	208	176	154	150	170	168	149	134	139	166	147
" " Heart Diseases - -	102	88	92	67	95	94	87	78	91	101	75	81	96
Violent Deaths - - -	41	64	61	50	55	60	50	54	71	89	51	55	52
Inquest Cases - - -	85	110	121	90	98	104	97	93	123	170	96	101	91
Deaths in Public Institutions	248	319	345	258	300	307	292	297	293	335	297	316	283
TEMPERATURE OF THE AIR:													
Mean - - -	44·1	38·6	50·0	43·6	46·0	47·5	42·5	39·9	43·3	46·8	41·5	45·5	39·0
Mean of Highest readings -	51·0	44·7	55·3	47·5	51·1	51·0	45·5	44·0	46·9	50·9	46·2	49·8	46·8
Mean of Lowest readings -	37·3	32·3	44·4	40·3	40·6	44·3	38·8	35·8	39·0	42·0	37·4	39·7	30·7
Mean Temperature of the Water of the Thames -	50·1	47·0	44·4	47·2	45·4	46·9	43·2	42·7	38·5	44·9	44·6	42·7	43·2
Humidity of the Air - -	80	84	90	85	88	88	89	92	92	87	90	90	87
Rain-fall in inches - -	0·20	0·05	1·40	0·30	1·69	1·40	0·24	2·19	1·23	1·34	1·96	0·39	0·40

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FOURTH Week of the Year 1877.

CAUSES OF DEATH.	Average in the Fourth Weeks of the 10 years 1867-76.	In the Week ending Saturday, January 27, 1877.								CAUSES OF DEATH.	Average in the Fourth Weeks of the 10 years 1867-76.	In the Week ending Saturday, January 27, 1877.							
		Deaths of Persons of the Ages										Deaths of Persons of the Ages							
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
			Mean Tem.	0-1.	1-5.								5-20.	Mean Tem.	0-1.					1-5.	5-20.
Mean Temperature -	38° 3	39° 0							Mean Temperature	38° 3	39° 0								
CAUSES -	1584.2	1425	331	209	96	226	254	251	58	9. Stricture of Intestines	1.4	-	-	-	-	-	-		
DIFFERENT CAUSES	1576.5	1121	329	209	95	226	254	250	58	10. Fistula -	1	-	-	-	-	-	-		
ACUTE DISEASES.										11. Stomach Disease, &c. -	5.7	8	2	2	1	2	1		
ORDER 1.										12. Pancreas Disease, &c. -	-	-	-	-	-	-	-		
Small-pox -	33.6	86	15	15	20	26	9	1	-	13. Hepatitis -	3.9	2	-	-	1	-	1		
Measles -	29.2	22	8	14	6	-	-	-	-	14. Jaundice -	4.2	3	1	-	1	1	-		
Etiol Fever -	48.0	21	1	14	6	-	-	-	-	15. Liver Disease, &c. -	18.0	17	1	-	3	9	4		
Scarlatina -	6.7	3	-	1	1	1	-	-	-	16. Spleen Disease, &c. -	4	-	-	-	-	-	-		
Dysentery -	1.0	-	-	-	-	-	-	-	-	ORDER 5.									
Whooping-cough -	14.5	5	1	2	2	-	-	-	-	1. Nephritis -	2.2	2	-	-	-	1	1		
Measles -	66.5	40	13	27	-	-	-	-	-	2. Ischuria -	7	-	-	-	-	-	-		
Etiol or Typhoid Fev. -	84.0	14	-	2	5	5	1	1	-	3. Bright's Dis. (Nephria) -	14.0	16	-	-	6	7	3		
Simple continued Fev. -	8.7	7	3	-	2	1	1	-	-	4. Diabetes -	2.1	2	-	-	2	-	-		
Scarlatina -	7.2	5	-	-	-	4	1	-	-	5. Calculus (Stone) -	9	2	-	-	-	2	-		
Scarlatina -	6	-	-	-	-	-	-	-	-	6. Cystitis -	1.5	-	-	-	-	-	-		
Scarlatina -	1.3	1	-	-	-	-	-	1	-	7. Kidney Disease, &c. -	9.3	6	-	-	2	2	-		
Scarlatina -	9.9	-	-	-	-	-	-	-	-	ORDER 6.									
Scarlatina -	12.9	11	7	1	-	2	1	-	-	1. Ovarian Dropsy -	5	1	-	-	1	-	-		
Scarlatina -	2	-	-	-	-	-	-	-	-	2. Uterus Disease, &c. -	4.6	7	-	-	2	3	2		
Scarlatina -	6	-	-	-	-	-	-	-	-	ORDER 7.									
Scarlatina -	10.8	6	-	-	-	2	2	1	1	1. Synovitis (Arthritis) -	2	-	-	-	-	-	-		
Scarlatina -	1.0	3	1	2	-	-	-	-	-	2. Joint Disease, &c. -	6.0	7	-	-	5	1	1		
Scarlatina -	7.7	10	7	-	-	1	2	-	-	ORDER 8.									
Scarlatina -	1.5	1	-	-	-	-	-	1	-	1. Phlegmon -	2.6	3	-	-	1	1	-		
Scarlatina -	2	-	-	-	-	-	-	-	-	2. Ulcer -	1.3	3	1	-	-	-	2		
Scarlatina -	-	-	-	-	-	-	-	-	-	3. Skin Disease, &c. -	6.6	1	1	-	-	-	-		
Scarlatina -	1.0	1	-	-	-	-	-	1	-	IV. DEVELOPMENTAL DISEASES.									
Scarlatina -	7.7	10	7	-	-	-	-	-	-	ORDER 1.									
Scarlatina -	1.5	1	-	-	-	-	-	-	-	1. Premature Birth -	24.4	31	31	-	-	-	-		
Scarlatina -	2	-	-	-	-	-	-	-	-	2. Cyanosis -	2.5	6	4	2	-	-	-		
Scarlatina -	1.1	1	-	-	-	1	-	-	-	3. Spina Bifida -	1.6	2	2	-	-	-	-		
Scarlatina -	8	3	-	-	-	1	1	1	-	4. Other Malformations -	2.0	1	1	-	-	-	-		
Scarlatina -	2.0	-	-	-	-	-	-	-	-	5. Teething -	15.9	16	8	8	-	-	-		
Scarlatina -	1	1	-	1	-	-	-	-	-	ORDER 2.									
Scarlatina -	3.0	4	-	-	-	1	1	2	-	1. Paramenia -	2	-	-	-	-	-	-		
Scarlatina -	10.7	8	2	1	-	3	-	2	-	2. Childbirth (see Puer-) -	6.4	9	-	-	-	7	2		
Scarlatina -	32.2	36	1	1	-	3	25	6	1	peral Fever) -									
Scarlatina -	2	1	-	-	-	-	-	-	-	ORDER 3.									
Scarlatina -	4.4	5	-	-	-	-	-	2	3	1. Old Age -	61.5	50	-	-	-	-	21	29	
Scarlatina -	9.5	7	2	4	1	-	-	-	-	ORDER 4.									
Scarlatina -	20.4	17	13	4	-	-	-	-	-	1. Atrophy and Debility -	58.5	58	45	2	-	-	1	10	
Scarlatina -	171.5	147	-	5	11	78	47	6	-	V. VIOLENT DEATHS, &c.									
Scarlatina -	29.1	24	8	13	3	-	-	-	-	ORDER 1.									
Scarlatina -	17.1	18	8	5	2	-	2	1	-	(ACCIDENT OR NEGLIGENCE.)									
Scarlatina -	45.0	50	1	4	3	4	13	24	1	1. Fractures & Contusions -	17.9	14	-	-	3	2	7	2	
Scarlatina -	37.1	19	-	1	-	3	3	10	2	2. Wounds { Gunshot -	4	-	-	-	-	-	-	-	
Scarlatina -	1.9	2	-	-	-	-	-	1	1	3. Burns and Scalds -	8.0	6	1	3	2	-	-	-	
Scarlatina -	6.6	11	-	-	1	4	3	3	-	4. Poison -	9	2	-	-	-	4	-		
Scarlatina -	54.9	57	49	6	2	-	-	-	-	5. Drowning -	4.5	4	-	-	-	-	-	-	
Scarlatina -	18.9	20	1	1	3	1	6	6	2	6. Suffocation -	11.0	14	14	-	-	-	-	-	
Scarlatina -	2.4	3	-	-	2	-	1	-	-	7. Otherwise -	2.8	-	-	-	-	-	-	-	
Scarlatina -	3.2	1	-	-	-	-	1	-	-	ORDER 3.									
Scarlatina -	83.0	92	1	1	6	16	29	38	1	(HOMICIDE.)									
Scarlatina -	10.1	5	-	4	-	-	1	-	-	1. Murder & Manslaughter -	1.8	5	3	-	1	-	1	-	
Scarlatina -	254.2	191	39	31	1	4	44	56	16	ORDER 4.									
Scarlatina -	3.8	8	-	-	1	2	2	2	1	(SUICIDE.)									
Scarlatina -	88.6	72	14	24	3	10	9	11	1	1. Wounds { Gunshot -	3	1	-	-	-	1	-	-	
Scarlatina -	16.9	14	-	-	-	2	4	8	-	2. Poison -	9	2	-	-	-	2	-	-	
Scarlatina -	19.1	14	3	4	2	2	1	2	-	3. Drowning -	1.1	1	-	-	-	1	-	-	
Scarlatina -	1.9	1	-	-	-	1	-	-	-	4. Hanging -	1.0	1	-	-	-	-	-	-	
Scarlatina -	4.5	6	4	1	1	-	-	-	-	5. Otherwise -	2	-	-	-	-	-	-	-	
Scarlatina -	4.6	7	-	-	1	3	1	2	-	ORDER 5.									
Scarlatina -	2.0	4	-	-	-	-	1	1	-	(EXECUTION.)									
Scarlatina -	2.2	4	-	-	-	1	2	1	-	1. Hanging -	-	-	-	-	-	-	-	-	
Scarlatina -	4.2	4	-	-	-	1	1	2	-	Violent Deaths (not classed)	1.0	2	-	-	-	-	1	1	
Scarlatina -	3.0	3	1	-	-	1	1	-	-	Sudden Deaths (Cause unascertained) -	8	-	-	-	-	-	-	-	
Scarlatina -	1.1	1	-	-	-	1	-	-	-	Causes not specified or ill-defined -	6.9	4	2	-	1	-	-	1	

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, &c., during the Week ending

REGISTRATION SUB-DISTRICTS.				Enume- rated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include														Inquest Cases.
							Deaths of		Deaths from												
							Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.			
LONDON - - -				3,254,260	2572	1425	330	309	86	22	21	3	40	4	14	3	11	52	91		
WEST DISTRICTS - - -				561,359	383	197	40	53	3	-	2	1	4	2	2	-	1	5	8		
NORTH DISTRICTS - - -				751,729	603	363	82	91	39	3	5	-	12	2	5	1	3	11	22		
CENTRAL DISTRICTS - - -				334,369	205	141	26	28	2	5	4	-	5	-	1	-	-	9	15		
EAST DISTRICTS - - -				639,111	569	309	71	51	11	5	7	1	10	-	1	1	1	14	26		
SOUTH DISTRICTS - - -				967,692	812	415	111	86	31	9	3	1	9	-	5	1	6	13	20		
WEST DISTRICTS.																					
St. Mary Paddington WH - - -				58728	52	24	3	13	-	-	-	-	-	-	-	-	-	-	-		
St. John Paddington H - - -				38085	16	15	4	4	-	-	-	1	-	-	-	-	-	1	1		
Kensington Town W - - -				91645	73	33	13	7	1	-	1	-	2	-	-	-	-	-			
Brompton H - - -				28654	12	7	3	-	-	-	-	-	-	-	-	-	-	1	1		
St. Peter Hammersmith - - -				6662	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Paul Hammersmith H - - -				36029	34	10	3	2	-	-	-	-	1	-	-	-	-	1	1		
Fulham WH - - -				23350	24	14	3	3	1	-	1	-	-	-	-	-	-	-			
Chelsea South HHH - - -				26420	19	6	-	4	-	-	-	-	-	-	-	-	-	-	-		
Chelsea North-west WHHH - - -				22926	15	20	2	7	-	-	-	-	2	-	-	-	1	-	-		
Chelsea North-east - - -				21392	24	7	2	1	-	-	-	-	-	-	-	-	-	-	-		
Hanover Square H - - -				18698	7	5	-	2	-	-	-	-	-	-	-	-	-	-	1		
May Fair WW - - -				13358	5	4	-	1	-	-	-	-	-	-	-	-	-	-	1		
Belgrave HH - - -				57972	27	13	1	2	1	-	-	-	-	-	-	-	-	-	-		
St. John Westminster HH - - -				38478	31	13	2	3	-	-	-	-	1	-	2	-	-	-	1		
St. Margaret Westminster WH - - -				27781	12	9	2	1	-	-	-	-	-	-	-	-	-	1	1		
Golden Square WH - - -				12860	2	4	-	2	-	-	-	-	-	-	-	-	-	-	-		
Berwick-street H - - -				20759	16	3	-	-	-	-	-	-	-	-	-	-	-	1	1		
St. Anne Soho HHHHH - - -				17562	7	10	2	1	-	-	-	-	-	-	-	-	-	-	-		
NORTH DISTRICTS.																					
All Souls Marylebone HHHH - - -				28579	9	7	1	2	-	-	-	-	-	-	-	-	-	-	-		
Cavendish Square HH - - -				15425	8	3	2	-	-	-	-	-	-	-	-	-	-	-	-		
Rectory Marylebone WH - - -				26384	13	22	5	9	-	-	-	-	-	-	-	-	-	1	2		
St. Mary Marylebone HHH - - -				21786	13	4	-	1	1	-	-	-	-	-	1	-	-	-	-		
Christchurch Marylebone H - - -				33944	28	13	3	5	-	-	-	-	2	-	-	-	-	-	1		
St. John Marylebone H - - -				33136	18	7	-	2	-	-	-	-	-	-	-	-	-	-	1		
Hampstead WvHH - - -				32281	14	13	2	5	2	-	1	-	-	-	-	-	-	-	-		
Regent's Park Pancras H - - -				38200	23	11	4	3	-	-	2	-	-	-	-	-	-	-	1		
Tottenham-court vHHH - - -				29370	20	18	3	6	-	-	-	-	-	-	-	-	-	1	2		
Gray's Inn Lane HH - - -				29221	18	14	5	2	-	-	-	-	3	-	1	-	-	-	2		
Somers Town - - -				38533	34	19	5	1	3	-	-	-	-	2	-	-	-	1	2		
Camden Town W - - -				17943	20	11	1	6	1	-	-	-	-	-	-	-	-	-	-		
Kentish Town w - - -				68198	78	38	6	7	-	1	-	-	1	-	1	-	1	2	-		
Islington West HHH - - -				97820	90	43	10	7	6	-	-	-	1	2	-	-	-	1	1		
Islington East WvvhH - - -				115958	107	49	9	15	-	1	-	-	3	-	-	-	1	-	1		
Stoke Newington H - - -				9841	7	9	4	2	-	-	-	-	-	-	-	-	-	-	-		
Stamford Hill - - -				6598	5	2	-	2	-	-	-	-	-	-	-	-	-	-	-		
West Hackney - - -				28069	27	13	6	6	-	-	-	-	-	-	-	-	-	-	1		
Hackney WvvhHL - - -				50104	49	56	13	7	26	1	-	-	2	-	-	-	1	4	6		
South Hackney - - -				30339	22	11	3	3	-	-	2	-	-	-	1	-	1	-	-		
CENTRAL DISTRICTS.																					
St. George Bloomsbury - - -				17853	8	7	3	2	-	-	-	-	1	-	-	-	-	-	1		
St. Giles South WH - - -				19109	14	13	2	4	-	2	-	-	-	-	-	-	-	-	1		
St. Giles North - - -				16594	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Long Acre - - -				11379	4	4	-	1	-	-	-	-	-	-	-	-	-	-	-		
Charing Cross HH - - -				9859	3	7	-	1	-	-	-	-	-	-	-	-	-	-	-		
St. Mary-le-Strand - - -				9378	9	6	2	1	-	-	-	-	-	-	-	-	-	-	-		
St. Clement Danes H - - -				10723	9	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George-the-Martyr HHHHH - - -				20521	10	15	2	3	-	-	1	-	1	-	-	-	-	3	3		
St. Andrew Eastern W - - -				13529	7	12	1	6	-	-	-	-	-	-	-	-	-	-	-		
Saffron Hill H - - -				9066	4	2	2	-	-	-	-	-	-	-	-	-	-	-	-		
St. James Clerkenwell W - - -				18917	27	9	6	2	1	-	1	-	-	-	-	-	-	-	-		
Amwell Clerkenwell - - -				16884	17	7	2	1	1	-	-	-	1	-	-	-	-	1	2		
Pentonville - - -				13337	9	7	1	1	-	-	-	-	1	-	-	-	-	-	1		
Goswell-street - - -				16242	10	9	-	1	-	3	1	-	-	-	1	-	-	-	-		
Old-street H - - -				12161	8	6	-	1	-	-	-	-	-	-	-	-	-	-	-		
City-road HHL - - -				18301	22	10	3	-	-	-	1	-	-	-	-	-	-	2	3		
Whitecross-street - - -				13792	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
Finsbury - - -				10741	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Botolph East London H - - -				14540	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cripplegate - - -				13638	7	2	-	1	-	-	-	-	-	-	-	-	-	-	-		
St. Sepulchre H - - -				7562	3	12	1	2	-	-	-	-	-	-	-	-	-	3	3		
St. Bride W - - -				11185	6	3	-	1	-	-	-	-	-	-	-	-	-	-	1		
Castle Baynard - - -				4426	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Christchurch - - -				6270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Queenhithe - - -				4753	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Allhallows Barking - - -				5764	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Broad-street H - - -				7845	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
Saturday, 27th January 1877.

REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													Inquest Cases.	Deaths in Public Institutions.
					Deaths of		Deaths from												
							Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.			
																	Infants under 1 Year of Age.		
EAST DISTRICTS.																			
St. Marylebone																			
St. Marylebone																			
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The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the foregoing Table by w:—

Central London Sick Asylum in Tottenham-court sub-district.

Kentish Town sub-district.

London City Workhouse in Islington East sub-district.

Holborn Infirmary " Hackney " sub-district "

London City Workhouse „ Hackney sub-district.
Holtborn „ „ Hoxton New Town sub district.

Holborn	"	"	Hoxton New Town sub district.
Whitechapel	"	"	Mile End Old Town Eastern sub

† Private Lunatic Asylum.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and
Stepney " " Bow sub-district.

Stepney Bow sub-district.
Poplar & Stepney "Sick Asylum" " "

Westminster Union Industrial School in Battersea sub-district.

Small-pox and Fever Hospitals in Hampstead, Hackney, and Brixton

sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 27th January 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enume- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
						Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.	
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
	LONDON—OUTER RING	368,414	631,381	487	250	55	75	11	6	4	3	-	8	1	9	19	31	
29: 1	Carshalton W - - -	12228	13523	5	3	-	2	-	-	-	-	-	-	-	-	-	-	
2	Epsom (part of) * WH -	9971	9145	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
36: 1	Godstone (part of) * - -	2754	900	-	1	-	1	-	-	-	-	-	-	-	-	-	-	
37: 1	Croydon WHH - - -	20851	71319	42	31	8	9	2	-	-	1	-	1	-	1	1	6	
2	Mitcham WH - - -	11697	12534	8	3	-	1	1	-	-	-	-	-	-	-	-	-	
38: 1	Wimbledon HH - - -	3220	9087	4	3	2	-	-	-	-	-	-	-	-	-	-	-	
2	Kingston WH - - -	8549	27489	23	10	2	2	-	-	-	-	-	2	-	1	1	-	
3	Esher (part of) * - - -	6601	7353	7	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	Hampton - - -	4573	10185	10	2	1	1	-	-	-	-	-	-	-	-	-	-	
39: 1	Richmond WH - - -	2271	16829	12	6	2	1	-	-	-	-	-	-	1	-	-	2	
2	Mortlake - - -	2961	9316	9	3	1	2	-	-	-	-	-	-	-	-	-	-	
40: 1	Bromley (part of) * HH -	15669	19509	20	3	-	1	-	-	-	-	-	1	-	-	-	-	
2	Chislehurst (part of) * W -	13665	10023	8	7	1	1	-	-	2	-	-	-	-	-	-	3	
41: 1	Bexley H - - -	13439	19566	14	3	-	2	-	1	-	-	-	-	-	-	-	-	
123: 1	Sunbury W - - -	11055	9860	9	7	1	3	1	1	-	-	-	-	-	1	2	-	
2	Staines W - - -	13277	10339	6	6	-	3	-	-	-	-	-	-	-	-	1	3	
124: 1	Hillingdon WH - - -	6029	9712	5	3	-	1	-	-	-	-	-	-	-	-	-	-	
2	Uxbridge - - -	6178	5329	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Hayes WL - - -	14587	10497	6	4	1	-	-	-	1	-	-	-	-	-	-	-	
125: 1	Isleworth W - - -	7008	19930	10	4	1	2	-	-	-	-	-	-	-	-	-	2	
2	Twickenham - - -	2477	10533	5	2	-	-	-	-	-	-	-	-	-	-	-	-	
3	Brentford HL - - -	4370	20279	23	4	-	3	-	-	-	-	-	-	-	-	-	-	
4	Chiswick - - -	1311	8508	2	6	1	2	-	1	-	-	-	-	-	-	-	-	
5	Acton WH - - -	6087	12683	13	10	-	3	-	1	-	1	-	1	-	-	-	-	
126: 1	Harrow H - - -	13809	10869	3	5	-	2	-	-	-	-	-	1	-	1	1	-	
2	Edgware - - -	6994	3450	6	2	1	-	-	-	-	-	-	-	-	-	-	-	
3	Willesden - - -	4383	15869	9	6	2	1	-	-	1	-	-	-	-	-	2	-	
4	Hendon WH - - -	8382	6972	8	5	1	1	-	-	-	1	-	-	-	-	-	2	
127: 1	South Mimms - - -	15419	5924	3	2	1	1	-	-	-	-	-	-	-	-	-	-	
2	Barnet W - - -	5423	7752	15	2	-	1	-	-	-	-	-	-	-	-	1	-	
3	Finchley L - - -	4688	11493	5	13	3	1	-	-	-	-	-	-	-	-	1	3	
128: 1	Hornsey H - - -	3039	19357	13	8	1	4	-	2	-	-	-	-	-	-	1	-	
2	Tottenham H - - -	4642	22869	22	8	2	1	-	-	-	-	-	-	-	-	1	-	
3	Edmonton WW - - -	7483	13860	13	12	3	7	1	-	-	-	-	-	-	2	3	7	
4	Enfield WH - - -	12653	16054	16	6	-	3	-	-	-	-	-	1	-	1	2	1	
5	Waltham Abbey - - -	11017	5197	1	2	-	2	-	-	-	-	-	-	-	-	-	-	
6	Cheshunt - - -	8493	7518	2	2	-	2	-	-	-	-	-	-	-	-	-	-	
134: 1	Hatfield (part of) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
136: 1	Bushey - - -	9028	6472	3	1	1	-	-	-	-	-	-	-	-	-	-	-	
185: 1	Stratford - - -	882	23236	24	10	3	2	3	-	-	-	-	-	-	-	-	-	
2	West Ham WWW - - -	7345	44642	60	25	8	6	1	-	-	-	-	-	-	1	1	-	
3	Leyton WW - - -	4274	15513	11	6	4	-	1	-	-	-	-	1	-	-	-	-	
4	Walthamstow H - - -	6619	15701	13	5	2	-	1	-	-	-	-	-	-	-	-	-	
186: 1	Chigwell (part of) * H -	10483	8169	4	1	1	-	-	-	-	-	-	-	-	-	-	-	
188: 1	Romford (part of) * - -	6730	2879	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Ilford - - -	8492	5947	3	6	1	1	-	-	-	-	-	-	-	1	1	-	
3	Barking Town - - -	4128	6576	8	1	-	-	-	-	-	-	-	-	-	-	-	-	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:— 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134: 1, only the parish of Northaw in Hatfield sub-district; 186: 1, the whole of the Chigwell sub-district, except the parish of Thoydon-Bols (pop. 798); 188: 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 27th January 1877.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from								Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhœa.	Violence.	
GREATER LONDON	446,494	4,367,547	20·0	2·8	1675	385	384	97	28	25	6	40	29	12	61	314
INNER LONDON -	78,080	3,533,484	21·0	3·0	1425	330	309	86	22	21	3	40	21	11	52	283
OUTER RING -	368,414	834,063	15·6	2·1	250	55	75	11	6	4	3	-	8	1	9	31

NOTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 97·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 26 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA -	429,535	December 23	-	-	-	-
BOMBAY -	644,405	" 19	-	424	34·3	Small-pox 4.
MADRAS -	397,552	" 15	-	485	63·7	Cholera 88.
PARIS -	1,851,792	January 25	-	988	27·8	Small-pox 10; typhoid fever 30.
GENEVA* -	67,829	" 13	31	39	30·0	Fever 1.
BRUSSELS -	188,609	" 20	120	93	25·7	Small-pox 2.
AMSTERDAM -	289,981	" 13	233	134	24·1	Fevers 2.
ROTTERDAM -	136,231	" 13	103	69	26·4	Measles 2.
THE HAGUE -	104,095	" 13	73	46	23·1	Croup 3.
COPENHAGEN -	211,000	" 16	193	85	21·0	Typhoid fever 3.
STOCKHOLM -	144,305	" 13	-	88	31·8	Scarlet fever 8.
CHRISTIANIA -	79,000	" 20	81	36	23·8	Scarlet fever 5; measles 2.
BERLIN -	980,000	" 6	865	502	26·7	Diphtheria 11; scarlet fever 9.
HAMBURG (State)	388,618	" 6	312	200	26·9	Measles 4.
BRESLAU -	240,471	" 13	199	154	33·4	Fevers 4; diphtheria 3.
MUNICH -	209,000	" 20	-	137	34·2	Measles 3.
VIENNA -	714,548	" 20	556	359	26·2	Small-pox 26; diphtheria 13.
BUDA-PESTH -	315,401	" 13	204	255	42·2	Diphtheria 5; small-pox 2.
ROME -	262,428	December 31	-	-	-	-
NAPLES -	452,100	January 14	-	278	32·1	Diphtheria 6.
TURIN -	219,173	" 13	112	96	22·4	Typhoid fever and typhus 5.
ALEXANDRIA -	212,034	" 13	189	178	43·8	Whooping-cough 10.
NEW YORK -	1,060,000	December 30	-	473	23·3	Diphtheria 25; scarlet fever 24.
BROOKLYN -	506,223	" 30	-	191	19·7	Diphtheria 11; scarlet fever 10.
PHILADELPHIA -	825,594	January 6	-	267	16·4	Typhoid fever 16; diphtheria 13; sm.-pox 7.
BOSTON -	352,000	" 6	-	130	19·3	Diphtheria 10.

* With suburbs, including Genf, Plain-palais, and Gaux-Vives.

[Under the Superintendence of the Astronomer Royal.]

MOON.		Phases of Moon.	BARO-METER.		READINGS OF THERMOMETERS.							DIFFERENCE				Degree of humidity, complete saturation being represented by 100.	WIND.				RAIN.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
			Mean daily reading (corrected and reduced to 32 deg. Fahr. height).	Mean	High-est.	Low-est.	Range in day.	Mean daily value.	Dew Point.	Highest in the sun, as shown by self-registering thermometer with bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by self-registering thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers.		Highest.	Lowest.		Between Dew Point and Air Temperature.		Mean daily value.	Great-est.		Least.	Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*		General Direction.		Pressure on square foot.		As deduced from Anemometers.		Collected in a Gauge whose receiving surface is 5 in. above the ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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SKY AND ATMOSPHERE.

ELECTRICITY.

DATE.
JANUARY.

21
SUNDAY
Dense fog in morning; fine and generally cloudless throughout day. Lunar halo at night.

22
MONDAY
A fine day. Partially cloudy. Hoar frost.

23
TUESDAY
A very fine day. The amount of cloud was small. Hoar frost.

24
WEDNESDAY
A shower in early morning; fine during remainder of day. Cloudless at night; lunar halo and hoar frost

25
THURSDAY
Overcast with frequent rain till evening; cloudless at night.

26
FRIDAY
A fine day. The amount of cloud was small. Foggy at night.

27
SATURDAY
Overcast with occasional rain till evening; foggy at night.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873. * In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and — "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 30.37 in. at the beginning of the week to 30.48 in. by 9h. A.M. on the 21st; decreased to 29.95 in. by 9h. A.M. on the 24th; increased to 30.01 in. by 3h. P.M. on the same day; decreased to 29.43 in. by 3h. P.M. on the 25th; increased to 30.04 in. by 9h. P.M. on the 26th; decreased to 29.95 in. by 3h. P.M. on the 27th; and was 30.06 in. at the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS
OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 5. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, FEBRUARY 3. [Price 1½d.

*General Register Office, Somerset House,
5th February, 1877.*

UNITED KINGDOM.

DURING last week 5857 *births* and 3697 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2160. The mortality from all causes was at the average rate of 24 deaths annually in every 1000 persons living. The annual death-rate was 21 per 1000 in Edinburgh, 25 in Glasgow, and 26 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Portsmouth 12, Brighton 16, Leeds 19, Plymouth 19, Birmingham 19, Leicester 20, Sheffield 21, Newcastle-upon-Tyne 22, Bradford 22, London 23, Norwich 23, Nottingham 23, Hull 23, Wolverhampton 23, Oldham 25, Sunderland 28, Manchester 31, Bristol 31, Liverpool 32, and Salford 34. The annual death-rate from the seven principal zymotic diseases averaged 3·3 per 1000 in the twenty towns, and ranged from 0·0 and 0·5 in Nottingham and Brighton, to 5·5 and 6·6 in Liverpool, Manchester, and Sunderland. Scarlet-fever showed an increased fatality in Sunderland. The deaths from small-pox in the twenty towns which had been 113 in each of the two preceding weeks, rose last week to 130; 103 occurred in London, 19 in Liverpool, 5 in Manchester (exclusive of three fatal municipal cases in the Monsall Hospital), 3 in Salford, and not one in any of the sixteen other towns.

During the five weeks ending on Saturday last, the annual death-rate from small-pox was equal to 2·4 per 1000 in Salford, 1·4 in London, 1·4 in Liverpool, and 0·7 in Manchester. The fatal cases both in London and Manchester have showed an increase in recent weeks.

LONDON.

In LONDON 2565 BIRTHS and 1528 DEATHS were registered. Allowing for increase of population, the births were 28 and the deaths 147 below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 22·0 and 21·0 per 1000, rose last week to 22·6.

The 1528 deaths included 103 from small-pox, 22 from measles, 23 from scarlet fever, 4 from diphtheria, 41 from whooping-cough, 20 from different forms of fever, and 18 from diarrhœa; thus to the seven principal diseases of the zymotic class 231 deaths were referred, against 210 and 204 in the two preceding weeks. These 231 deaths were 8 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 3·4 per 1000. The fatal cases of scarlet fever, diphtheria, whooping cough, and fever were considerably below the corrected average weekly numbers, whereas those of small-pox and diarrhœa showed an excess. Of the 41 deaths from whooping cough, no less than 20 occurred in North London; including 10 in Pancras, 6 in Islington, and 3 in Hackney. Of the 22 deaths from measles, 5 were returned in Lambeth, 3 in Mile End, and 3 in Pancras. Three fatal cases of scarlet fever occurred in Clerkenwell, and 3 in Plumstead. The 20 deaths referred to fever were 18 below the corrected average; 5 were certified as typhus, 14 as enteric or typhoid, and one as relapsing fever. The 5 fatal cases of typhus were returned in Cumberland Street (Islington), Rockmead Road (Hackney), Lavender Terrace (Battersea), and 2 in the Stockwell Fever Hospital; the two hospital cases had been admitted from Oakham Street and Wickham Place, Chelsea, making eight that resulted during January from the outbreak of typhus in that locality.

The deaths from small-pox, which had been 79 and 86 in the two previous weeks, further rose to 103 last week, the highest weekly number since the commencement of the present epidemic, excepting that returned in the first week of January. The 103 included 53 certified as unvaccinated and 14 as vaccinated; in the remaining 36 cases the medical certificates either did not furnish any information as to vaccination, or contained statements that the medical practitioner was unable to certify whether the deceased had or had not been vaccinated.

The 103 deaths from small-pox included 36 in the Metropolitan Asylum Hospitals at Homerton, Stockwell, and Hampstead, 2 in the Highgate Small-pox Hospital, 2 in the North-street Infirmary (Poplar), one in the Whitechapel Workhouse, and one in the Mile End Workhouse; the remaining 61, or 59 per cent. of the total cases, occurred in private dwellings. The proportion of deaths in private dwellings shows considerable increase upon that which has prevailed in any week since the disease became severely epidemic. After distributing the hospital cases, it appears that 13 of the deceased small-pox patients had resided in Hackney, 12 in Southwark (including 8 in St. George's), 9 in Pancras, 9 in Lambeth, 7 in St. George's, Hanover-square, 7 in Bow, 7 in Islington, 6 in Poplar, and 6 in Bethnal Green; in all, 11 belonged to the West, 32 to the North, 3 to the Central, 26 to the East, and 31 to the South groups of Districts. The fatal cases showed a marked increase in North London, and were also more numerous in the West and East Districts. The Metropolitan Asylum Hospitals contained 838 small-pox patients on Saturday last, against 873 and 830 in the two preceding weeks; these hospitals contain accommodation for 1077, including 177 beds for convalescents at Limehouse; 239 new cases were admitted during the week.

The month of January, just concluded, was unusually mild and wet. The mean temperature of the month at the Greenwich Observatory was $42^{\circ}\cdot7$, and exceeded the average temperature for the corresponding period in 105 years by $6^{\circ}\cdot2$; an excess of temperature prevailed on 28 days of the month. Rain was measured, on 23 of the 31 days, to the aggregate amount of 4.35 ins., whereas the average rainfall for January in 61 years was 1.9 in.

It is now well established that diseases of the respiratory organs are most fatal in winter, while those of the digestive organs prevail in summer: the differences of temperature in those seasons being very great. Now with this winter weather, rarely below the freezing point, and $6^{\circ}\cdot2$ above the average, it appeared desirable to see how far the deaths from the two classes of diseases differed from their averages. To determine this, and the effect of the smaller range of temperature, the deaths from several classes of diseases during the first five weeks of the year were compared with their averages; the result is that diseases of the lungs were fatal in the five weeks to 1,558 persons, the average being 2,191: conversely, diarrhoea was fatal to 81 instead of the average 71; diseases of the liver and digestive organs were slightly more fatal than the average of the season. Deaths from diseases of the brain and the heart were below, from those of the kidneys slightly above the average.

Different forms of violence caused 45 deaths; 40 were the result of negligence or accident, including 18 from fractures and contusions, 7 from burns and scalds, 3 from drowning, 2 from poison, and 9 of infants under one year of age from suffocation. Five deaths were caused by horses or vehicles in the streets.

In the large Public Institutions 319 deaths were recorded, or 21 per cent. of the total deaths; of these, 207 occurred in Workhouse Establishments, 104 in Hospitals, and 8 in Lunatic Asylums. The London Fever Hospital contained 57 patients on Saturday last (against 66 at the end of the previous week), including 48 cases of scarlet fever, and 5 of enteric fever.

GREATER LONDON.

In Greater London 3101 births and 1798 deaths were registered, equal to annual rates of 37.0 and 21.5 per 1000 of the population. The deaths in the Outer Ring included 12 fatal cases of small-pox, against 10 and 11 in the two preceding weeks; two occurred in Croydon and Mitcham, one in Kingston, 3 in Barnet and Finchley, one in Tottenham, 2 in West Ham, one in Walthamstow, and 2 in Ilford.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 41, Bombay 35; Paris 30; Geneva 22; Brussels 22; Amsterdam 24, Rotterdam 33; The Hague 19; Copenhagen 25; Stockholm 29; Christiania 24; Berlin 27, Hamburg 26, Breslau 31, Munich 31; Vienna 24, Buda-Pesth 46; Naples 39, Turin 22; Alexandria 46; New York 24, Brooklyn 22, Philadelphia 19, and Boston 17.

SMALL-POX MORTALITY IN LONDON IN 1876.

In London 735 persons died of small-pox. It was certified that 325 of them had not been vaccinated; that 219 of them had been vaccinated; and in 191 of the cases no information as to vaccination was supplied. It is probable that in the present state of the law some parents are inclined to give no information about unvaccinated cases; and others may return as vaccinated, cases where the operation had not taken effect. But there is no apparent reason why the vaccinated cases should be overstated. This can be tested by dividing the cases into two classes, the 338 deaths in the Metropolitan Asylum hospitals, and the 397 deaths out of these hospitals. Of the former class *all* are certified, either as vaccinated or unvaccinated cases; and such cases are representative; but in 100 of these hospital cases 60 were unvaccinated, whereas in 100 of the certified cases out of hospital only 59 are returned as unvaccinated. The difference in the proportion of vaccinated is one per cent., which may be accidental, or may imply that some unvaccinated cases out of hospital are returned as vaccinated. It will be safe to assume for practical purposes that the unspecified include about the same proportion of vaccinated cases as the specified.

The facts are shown in the annexed Table :—

DEATHS FROM SMALL-POX IN LONDON during the 52 Weeks of 1876.

	In all LONDON.	In Hospitals.	Out of Hospitals.	Vaccinated and Unvaccinated Cases among 100 Cases certified.	
				In Hospitals.	Out of Hospitals.
TOTAL DEATHS from SMALL-POX	735	338	397	—	—
Certified Cases - - -	544	338	206	100	100
Certified as Vaccinated -	219	134	85	40	41
Certified as Unvaccinated -	325	204	121	60	59
Uncertified as to Vaccination	191	—	191	—	—

Thus the proportion of the unvaccinated is greater among the cases investigated at the hospitals than it is among the certified cases out of hospital; the tendency is to understate the proportions dying unvaccinated out of hospital, and it may be inferred that of the 735 dying in London from small-pox during 1876, 60 per cent., or at least 440, had never been vaccinated in any way. The vaccination was, as is well known, in many cases imperfect, and the marks indistinct.

HOSPITAL TREATMENT OF INFECTIOUS DISEASES.

In the interests of sanitation and of public health, hospital treatment of infectious diseases, in cases where home-isolation is an impossibility, has been frequently urged as the only practical means of controlling zymotic fatality, and the Public Health Acts of 1872 and 1875 have invested local sanitary authorities with powers to facilitate the erection of hospitals for the reception of non-pauper cases of these diseases. While the advantage to the community arising from the removal and treatment in hospital of cases of infectious diseases occurring in families living in crowded tenement houses is undoubted, it becomes important to record accurately the results of hospital treatment in the mortality of the cases. Until cases of infectious diseases are registered, there will, however, be no trustworthy basis for calculating the mortality of such cases not treated in hospitals.

During the year 1876 the Registrar General was favoured, through the courtesy of the several authorities, with weekly returns of admissions, discharges, and deaths in the Metropolitan Asylum Small Pox and Fever Hospitals, and also in the London Fever Hospital. The Registrar General has to regret that he was unsuccessful in his attempt to obtain similar returns from the Small Pox Hospital at Highgate. In the Metropolitan Asylum Hospitals, more than 2000 cases of small-

pox, more than 800 cases of scarlet fever, nearly 300 of enteric fever, and 145 of typhus were under treatment. In the London Fever Hospital 518 cases of scarlet fever, 93 of enteric fever, and 23 of typhus were admitted.

At the London Small-Pox Hospital the mortality among 7850 cases recorded during the years 1780-99 and 1828-36 was equal to 31·5 per cent. During the London small-pox epidemic in 1870-1-2, 14,808 cases were treated in the Metropolitan Asylum Hospitals, showing a mortality equal to 18·7 per cent. During 1876 the number of completed cases treated in the same hospitals was 1377, and the 338 deaths (46 per cent. of all the small-pox deaths in London) were equal to a mortality 24·5 per cent. Thus the mortality during the present epidemic has been higher than it was during the epidemic five years ago, although it is considerably lower than it was between 1780 and 1836. The 1377 cases included 1018 vaccinated and 359 unvaccinated; the mortality was 13·2 per cent. among the vaccinated and 56·8 per cent. among the unvaccinated. The proportion of vaccinated cases to total cases treated was 74 per cent., against 75 per cent. during the epidemic of 1870-1-2. The Registrar General has been unable to obtain any return of the number of cases admitted to the Highgate Small-Pox Hospital, but 23 deaths were registered therein during the year, of which 21 occurred in the three months ending December.

The 804 completed cases of scarlet fever recorded in the Metropolitan Asylum Hospitals during 1876 showed a mortality of 10·7 per cent., against 14·0 per cent. among the 1077 cases treated in 1875; among 321 cases at Homerton the mortality in 1876 was only 8·1 per cent., whereas it was 12·4 per cent. among the 483 cases treated at Stockwell. In the London Fever Hospital 551 completed cases of scarlet fever were reported during 1876, of which 50 were fatal cases, equal to a mortality of 9·1 per cent.

The completed cases of typhus in the two Asylum District Fever Hospitals were 145 last year, against 76 in 1875, and the mortality 19·3 per cent. in 1876 and 19·7 per cent. in 1875. In the London Fever Hospital only 26 cases of typhus were treated, and the 7 deaths give a mortality of 26·9 per cent.; these numbers are, however, too small for the calculation of a trustworthy rate of mortality.

Of enteric fever the treatment of 270 cases was completed at the Asylum Fever Hospitals, showing a decline of 67 from the number in 1875; the proportional mortality, which was 22·0 per cent. in 1875, declined to 20·7 per cent. in 1876. In the London Fever Hospital 86 cases of enteric fever were treated in 1876, of which 13 proved fatal, equal to a mortality of 15·1 per cent., a rate considerably lower than that which prevailed in the Asylum Fever Hospitals, either in 1875 or 1876.

It is generally believed that the rate of mortality among cases of epidemic disease treated in hospital is greater than among those treated at home. Assuming, however, that the proportion of deaths to recoveries is the same under both circumstances, it may be estimated that during the year 1876 the number of persons in London attacked by small-pox was 2994, by scarlet fever 22,886, by typhus 796, and by enteric fever 4030. These numbers would be under-estimated if the rate of mortality out of hospitals is, as supposed, lower than among the cases treated in hospital.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·81 in.; the lowest reading was 29·20 in. on Tuesday, and the highest 30·09 in. on Saturday. The mean temperature of the *air* was 43°·0, and 4°·5 above the average in the corresponding week of the 60 years 1814-73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean considerably exceeded the average on each day of the week but Wednesday, when it was 38°·8, and only in excess by 0°·3; on Friday the mean was 46°·8, and 8°·1 above the average. The lowest night temperature was 33°·7 on Wednesday, and the highest day temperature in the shade 51°·7 on Sunday; the extreme range in the week was, therefore, 18°·0. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 87°·5 on Saturday. The difference between the mean *dew-point* and *air* temperature averaged 4°·7. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 41°·0. The mean degree of *humidity* of the air was 84, complete saturation being represented by 100. The general direction of the *wind* was south-westerly, and the horizontal movement of the air averaged 20·6 miles per hour, which was 6·3 above the average in the corresponding week of 16 years. *Rain* fell on six days of the week, to the aggregate amount of 0·42 of an inch.

TABLE 1. BIRTHS and DEATHS registered, and METEOROLOGY,* during the Week ending Saturday the 3rd day of February 1877, in the following large TOWNS.

CITIES AND BOROUGHES.	Area in Aeres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 3rd February 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERA- TURE OF THE AIR. (CENTI- GRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centi- metres.
Municipal Boundaries, except for LONDON and DUBLIN.)											
23 Towns in the UNITED KINGDOM)	212,881	8,144,940	38·3	5857	3697	56·7	30·0	42·9	6·06	1·20	3·05
LONDON - - -	75,362	3,533,484	46·9	2565	1528	51·7	33·7	43·0	6·11	0·42	1·07
BRIGHTON - - -	2,354	102,264	43·4	71	31	50·3	34·0	42·7	5·95	0·56	1·42
PORTSMOUTH - - -	4,486	127,144	28·3	93	30	51·5	35·8	44·4	6·89	-	-
NORWICH - - -	7,472	84,023	11·2	57	37	51·5	34·0	42·6	5·90	0·56	1·42
PLYMOUTH - - -	1,395	72,911	52·3	36	27	53·0	35·5	45·2	7·33	0·67	1·70
BRISTOL - - -	4,452	202,950	45·6	120	120	54·0	35·7	44·2	6·78	1·33	3·38
WOLVERHAMPTON - -	3,396	73,389	21·6	62	33	52·6	30·1	41·0	5·00	1·23	3·12
BIRMINGHAM - - -	8,400	377,436	44·9	297	140	54·2	33·4	43·3	6·28	1·02	2·59
LEICESTER - - -	3,200	117,461	36·7	88	45	53·8	34·8	43·1	6·17	0·87	2·21
NOTTINGHAM - - -	1,996	95,025	47·6	64	42	53·7	32·1	42·5	5·84	0·81	2·06
LIVERPOOL - - -	5,210	527,083	101·2	410	321	53·0	35·0	43·8	6·56	1·04	2·64
MANCHESTER - - -	4,293	359,213	83·7	245	213	53·0	34·5	43·1	6·17	2·36	5·99
SALFORD - - -	5,170	141,184	27·3	123	91	52·6	31·2	41·8	5·45	2·46	6·25
OLDHAM - - -	4,666	89,796	19·2	81	43	-	-	-	-	-	-
BRADFORD - - -	7,220	179,315	24·8	125	76	55·4	33·6	42·4	5·78	1·67	4·24
LEEDS - - -	21,572	298,189	13·8	212	110	55·0	34·0	43·4	6·33	1·40	3·56
SHEFFIELD - - -	19,651	282,130	14·4	198	113	53·0	32·5	43·3	6·28	2·04	5·18
HULL - - -	3,635	140,002	38·5	104	63	52·0	32·0	40·5	4·72	0·82	2·08
SCOTLAND - - -	3,306	110,382	33·4	82	60	55·0	30·0	43·9	6·61	0·45	1·14
NEWCASTLE-ON-TYNE	5,371	142,231	26·5	122	59	-	-	-	-	-	-
EDINBURGH - - -	4,191	218,729	52·2	127	89	51·0	31·0	39·6	4·23	2·03	5·13
GLASGOW - - -	6,033	555,933	92·1	398	268	-	-	-	-	-	-
DUBLIN - - -	10,050	314,666	31·3	177	153	56·7	32·2	43·3	6·28	1·13	2·87

* For names of the Meteorological Observers in the several towns, see note at foot of Table 4.
† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by the addition of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,055,612 persons, and in DUBLIN, during the Week ending Saturday the 3rd day of February 1877.

BOROUGHES, &c.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.		
<i>Municipal Boundaries, except for LONDON and DUBLIN.)</i>															
In 20 TOWNS -	23·5	3·3	3182	745	661	130	40	73	12	93	66	35	104	193	552
LONDON - - -	22·6	3·4	1528	337	349	103	22	23	4	41	20	18	45	95	310
BRIGHTON - - -	15·8	0·5	31	4	7	-	-	-	-	1	-	-	2	2	7
PORTSMOUTH - - -	12·3	2·1	30	5	5	-	1	1	1	-	2	-	-	2	4
NORWICH - - -	23·0	1·2	37	7	18	-	-	-	-	-	2	-	2	3	6
PLYMOUTH - - -	19·3	0·7	27	4	11	-	-	1	-	-	-	-	1	1	1
BRISTOL - - -	30·9	3·1	120	32	29	-	-	1	-	10	1	-	1	3	24
WOLVERHAMPTON - -	23·5	3·6	33	5	8	-	-	3	-	2	-	-	1	3	11
BIRMINGHAM - - -	19·4	2·8	140	31	23	-	4	7	1	5	-	3	5	7	19
LEICESTER - - -	20·0	3·6	45	16	4	-	3	1	1	3	-	-	1	8	6
NOTTINGHAM - - -	23·1	0·0	42	7	14	-	-	-	-	-	-	-	2	5	8
LIVERPOOL - - -	31·8	5·5	321	84	46	19	-	3	3	8	21	2	14	14	54
MANCHESTER - - -	30·9	5·1	213	47	34	5	3	5	-	8	7	7	7	21	45
SALFORD - - -	33·6	4·4	91	24	12	3	3	1	-	2	2	1	4	4	4
OLDHAM - - -	25·0	2·3	43	12	6	-	-	3	-	-	1	-	1	1	1
BRADFORD - - -	22·1	1·5	76	16	21	-	-	1	1	2	-	1	5	6	5
LEEDS - - -	19·3	1·9	110	37	16	-	1	6	-	3	1	-	6	8	9
SHEFFIELD - - -	20·9	3·3	113	29	21	-	1	7	-	5	4	1	4	6	9
HULL - - -	23·5	1·9	63	16	18	-	2	-	-	1	1	1	-	1	4
SUNDERLAND - - -	28·4	6·6	60	13	11	-	-	9	-	2	2	1	1	1	7
NEWCASTLE-ON-TYNE	21·6	1·5	59	19	8	-	-	1	1	-	2	-	2	2	9
DUBLIN - - -	26·2	3·7	158	15	37	2	3	3	-	-	8	6	6	5	57

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the FIFTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2390	2364	2316	2378	2350	2508	2450	2318	2585	2577	2423·6	2565
Males . .	1237	1207	1134	1172	1173	1292	1179	1156	1307	1334	1219·1	1313
Females .	1153	1157	1182	1206	1177	1216	1271	1162	1278	1243	1204·5	1252
TOTAL Deaths	1628	1394	1631	1828	1683	1423	1336	1411	1552	1771	1565·7	1523
Males . .	854	735	799	938	801	710	685	709	729	929	788·9	800
Females .	774	659	832	890	882	713	651	702	823	842	776·8	723

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867-76, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Nov. 11.	Nov. 18.	Nov. 25.	Dec. 2.	Dec. 9.	Dec. 16.	Dec. 23.	Dec. 30.	Jan. 6.	Jan. 13.	Jan. 20.	Jan. 27.	Feb. 3.
TOTAL Deaths - - -	1635	1886	1504	1558	1446	1443	1456	1510	1507	1358	1491	1425	1528
0—20 - - -	775	850	699	717	626	678	626	713	673	565	693	636	673
20—40 - - -	259	265	220	212	232	221	256	183	229	218	244	226	214
40—60 - - -	278	331	238	286	256	242	256	274	277	261	258	254	292
60—80 - - -	282	352	276	287	278	247	272	280	278	265	217	251	289
at 80 years & upwds.	41	88	71	56	54	55	46	60	50	49	79	58	60
Deaths of children { Under 1 year -	437	438	361	384	324	351	313	357	340	263	367	331	337
{ 1—5 - - -	242	277	225	205	195	238	217	254	222	202	219	209	241
{ 5—20 - - -	96	135	113	128	107	89	96	102	111	100	107	96	95
Deaths from 7 principal Zymotic Diseases }	169	205	184	219	197	236	237	235	253	214	210	204	231
„ „ Small-pox - - -	48	52	43	67	50	75	97	75	116	100	79	86	103
„ „ Measles - - -	19	16	27	31	24	31	30	40	28	24	17	22	22
„ „ Scarlet fever - -	32	55	42	41	42	54	37	29	25	23	42	21	23
„ „ Diphtheria - - -	8	6	10	9	8	6	8	9	12	4	5	3	4
„ „ Whooping-cough -	22	27	23	25	28	23	23	34	32	25	31	40	41
„ „ Typhus fever - - -	2	2	3	2	-	3	5	5	3	3	5	4	5
„ „ Enteric (or Typhoid) fever - }	20	29	25	21	24	21	15	16	14	17	10	14	14
„ „ Simple Contag. fever -	2	2	4	7	6	4	5	6	5	2	3	3	1
„ „ Diarrhoea - - -	16	16	7	16	15	19	17	21	18	16	18	11	18
„ „ Simple Cholera - -	-	-	-	-	-	-	-	1	1	-	-	-	-
„ „ Dis. of Respiratory Organs - }	452	593	438	411	315	282	305	352	298	291	290	304	375
„ „ Phthisis - - -	195	208	176	154	150	170	168	149	134	139	166	147	156
„ „ Heart Diseases - -	88	92	67	95	94	87	78	91	101	75	81	96	95
Violent Deaths - - -	64	61	50	55	60	50	54	71	89	51	55	52	45
Inquest Cases - - -	110	121	90	98	104	97	93	123	170	96	101	91	95
Deaths in Public Institutions	319	345	258	300	307	292	297	293	335	297	316	283	319
TEMPERATURE OF THE AIR:													
Mean - - - - -	38·6	50·0	43·6	46·0	47·5	42·5	39·9	43·3	46·8	41·5	45·5	39·0	43·0
Mean of Highest readings -	44·7	55·3	47·5	51·1	51·0	45·5	44·0	46·9	50·9	46·2	49·8	46·8	48·7
Mean of Lowest readings -	32·8	44·4	40·3	40·6	44·3	38·8	35·8	39·0	42·0	37·4	39·7	30·7	36·7
Mean Temperature of the Water of the Thames }	47·0	44·4	47·2	45·4	46·9	43·2	42·7	38·5	44·9	44·6	42·7	43·2	41·0
Humidity of the Air - - -	84	90	85	88	88	89	92	92	87	90	90	87	84
Rain-fall in inches - - -	0·05	1·40	0·30	1·69	1·40	0·24	2·19	1·23	1·34	1·96	0·39	0·40	0·42

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FIFTH Week of the Year 1877.

USES OF DEATH.	Average in the Fifth Weeks of the 10 years 1867-76.*	In the Week ending Saturday, February 3, 1877.								CAUSES OF DEATH.	Average in the Fifth Weeks of the 10 years 1867-76.	In the Week ending Saturday, February 3, 1877.							
		Deaths of Persons of the Ages										Deaths of Persons of the Ages							
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
			Mean Tem.	0-1.	1-5.								5-20.	Mean Tem.	0-1.					1-5.	5-20.
Mean Temperature -	40°7	43°0	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	Mean Temperature -	40°7	43°0	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
CAUSES -	1565·7	1528	337	241	95	214	292	289	60	9. Stricture of Intestines	·7	1	-	-	-	-	-	1	-
SPECIFIED CAUSES	1558·6	1524	334	241	95	214	291	289	60	10. Fistula -	·5	1	-	-	-	-	-	1	-
ZYMOTIC DISEASES										11. Stomach Disease, &c. -	4·3	5	-	-	-	-	2	3	-
ORDER 1.										12. Pancreas Disease, &c. -	-	-	-	-	-	-	-	-	-
Small-pox -	35·2	103	15	23	30	24	10	1	-	13. Hepatitis -	4·1	3	-	-	-	-	1	1	1
Measles -	23·9	22	3	19	-	-	-	-	-	14. Jaundice -	4·1	3	-	1	-	1	1	-	-
Scarlet Fever -	39·7	23	1	14	6	1	-	-	-	15. Liver Disease, &c. -	18·8	22	-	-	-	4	12	6	-
Diphtheria -	6·4	4	1	1	-	-	1	1	-	16. Spleen Disease, &c. -	·4	-	-	-	-	-	-	-	-
Erysipelas -	7·7	1	-	-	-	-	-	-	-	ORDER 5.									
Whooping-cough -	15·5	10	2	7	1	-	-	-	-	1. Nephritis -	1·5	8	1	-	2	3	1	1	-
Typhus -	70·6	41	24	16	1	-	-	-	-	2. Ischuria -	·5	-	-	-	-	-	-	-	-
Enteric or Typhoid Fev. -	35·3	14	-	6	4	2	2	-	-	3. Bright's Dis. (Nephria) -	12·3	17	-	-	2	4	9	2	-
Simple continued Fev. -	7·9	6	2	-	-	1	2	1	-	4. Diabetes -	2·5	-	-	-	-	-	-	-	-
Erysipelas -	5·4	2	-	-	-	2	-	-	-	5. Calculus (Stone) -	·6	2	-	-	1	-	-	-	-
Interperal Fev. (Metria) -	·5	1	-	-	-	-	-	1	-	6. Cystitis -	1·5	-	-	-	-	-	-	-	-
Scarlet Fever -	1·3	-	-	-	-	-	-	-	-	7. Kidney Disease, &c. -	7·5	7	-	-	-	1	4	2	-
Influenza -	·5	2	-	-	-	1	-	1	-	ORDER 6.									
Dysentery -	12·4	18	12	5	-	-	-	-	1	1. Ovarian Dropsy -	·8	2	-	-	-	-	2	-	-
Diarrhoea -	·4	-	-	-	-	-	-	-	-	2. Uterus Disease, &c. -	5·1	2	-	-	-	-	1	1	-
Simple Cholera -	·4	2	-	-	-	-	2	-	-	ORDER 7.									
Typhoid -	·1	1	-	-	1	-	-	-	-	1. Synovitis (Arthritis) -	·1	-	-	-	-	-	-	-	-
Intermittent Fever -	9·9	1	-	-	-	-	-	1	-	2. Joint Disease, &c. -	4·5	7	-	-	2	2	3	-	-
Rheumatism -	·1	1	-	-	-	-	-	-	-	ORDER 8.									
Other Zymotic Diseases	·1	1	-	-	-	1	-	-	-	1. Phlegmon -	3·3	4	-	1	-	1	1	1	-
ORDER 2.										2. Ulcer -	1·5	5	1	-	-	-	1	2	1
Erysipelas -	9·1	6	4	-	-	1	1	-	-	3. Skin Disease, &c. -	1·3	1	1	-	-	-	-	-	-
Stricture of Urethra -	1·8	1	-	-	-	-	1	-	-	IV. DEVELOPMENTAL DISEASES.									
Hydrophobia -	·1	-	-	-	-	-	-	-	-	ORDER 1.									
Banders -	·1	1	-	-	-	-	1	-	-	1. Premature Birth -	23·4	19	19	-	-	-	-	-	-
ORDER 3.										2. Cyanosis -	2·0	5	4	-	-	1	-	-	-
Starvation -	7·6	14	14	-	-	-	-	1	-	3. Spina Bifida -	1·6	3	3	-	-	-	-	-	-
Want of Breast-milk -	2·3	3	1	1	-	1	-	-	-	4. Other Malformations -	1·3	1	1	-	-	-	-	-	-
Scabies -	1·3	3	-	-	-	1	2	-	-	5. Teething -	16·5	17	12	5	-	-	-	-	-
Scalds -	1·6	2	-	-	-	1	1	-	-	ORDER 2.									
ORDER 4.										1. Paramenia -	·2	-	-	-	-	-	-	-	-
Scarlet Fever -	2·0	2	2	-	-	-	-	-	-	2. Childbirth (see Puer-} peral Fever) -	6·2	5	-	-	1	4	-	-	-
Forms, &c. -	·1	-	-	-	-	-	-	-	-	ORDER 3.									
CONSTITUTIONAL.										1. Old Age -	62·9	53	-	-	-	-	-	24	29
ORDER 1.										ORDER 4.									
Scout -	2·5	5	-	-	-	-	2	3	-	1. Atrophy and Debility	58·5	53	39	4	-	-	1	9	-
Protrusion -	14·2	8	-	-	2	-	2	4	-	V. VIOLENT DEATHS, &c.									
Cancer -	34·0	42	-	-	1	3	24	13	1	ORDER 1.									
Cancerum Oris (Noma) -	·3	1	-	1	-	-	-	-	-	(ACCIDENT OR NEGLIGENCE.)									
Fortification -	3·7	5	-	-	-	-	-	5	-	1. Fractures & Contusions	16·2	18	1	-	3	4	6	3	1
ORDER 2.										2. Wounds { Gunshot } { Cut, Stab }	·5	-	-	-	-	-	-	-	-
Protrusion -	9·9	8	3	3	-	1	1	-	-	3. Burns and Scalds	7·6	7	-	5	2	-	-	-	-
Diabetes Mesenterica -	16·6	21	10	9	2	-	-	-	-	4. Poison -	1·1	2	-	-	-	-	1	1	-
Phthisis -	172·9	156	2	4	10	80	48	12	-	5. Drowning -	4·5	3	-	-	-	1	1	1	-
Hydrocephalus -	29·2	22	10	10	2	-	-	-	-	6. Suffocation -	11·6	9	9	-	-	-	-	-	-
LOCAL DISEASES.										7. Otherwise -	1·8	1	1	-	-	-	-	-	-
ORDER 1.										ORDER 3.									
Erysipelas -	17·2	26	10	14	2	-	-	-	-	(HOMICIDE.)									
Protrusion -	42·3	45	2	3	1	3	16	13	7	1. Murder & Manslaughter	2·7	1	-	-	-	-	1	-	-
Paralysis -	36·4	23	-	-	-	3	6	11	3	ORDER 4.									
Insanity -	3·1	2	-	-	-	-	-	1	-	(SUICIDE.)									
Acroia -	·2	1	-	-	1	-	-	-	-	1. Wounds { Gunshot } { Cut, Stab }	·2	-	-	-	-	-	-	-	-
Epilepsy -	6·9	6	-	1	1	-	3	1	-	2. Poison -	·9	-	-	-	-	-	-	-	-
Convulsions -	59·9	51	43	8	-	-	-	-	-	3. Drowning -	1·2	-	-	-	-	-	-	-	-
Brain Disease, &c. -	19·3	20	2	2	2	2	6	6	-	4. Hanging -	1·0	-	-	-	-	-	-	-	-
ORDER 2.										5. Otherwise -	·5	1	-	-	-	-	1	-	-
Erysipelas -	2·9	-	-	-	-	-	-	-	-	ORDER 5.									
Neurism -	3·6	5	-	-	-	1	4	-	-	(EXECUTION.)									
Heart Disease, &c. -	76·3	90	1	1	4	22	27	33	2	1. Hanging -	-	-	-	-	-	-	-	-	-
ORDER 3.										Violent Deaths (not classed)	·9	3	-	-	1	1	1	-	-
Erysipelas -	9·2	11	3	7	-	-	1	-	-	Sudden Deaths (Cause unascertained) -	1·2	1	-	-	-	-	1	-	-
Protrusion -	243·2	233	42	38	1	6	42	90	14	Causes not specified or ill-defined -	5·9	3	3	-	-	-	-	-	-
Erysipelas -	4·7	5	-	-	-	-	-	-	-										
Pneumonia -	88·7	92	19	29	5	18	12	9	-										
Asthma -	17·3	12	-	-	-	2	6	4	-										
Long Disease, &c. -	20·0	22	7	1	-	2	5	7	-										
ORDER 4.																			
Erysipelas -	2·4	1	-	-	-	-	-	1	-										
Protrusion -	5·3	9	5	-	1	1	1	1	-										
Erysipelas -	5·0	4	-	-	-	-	4	-	-										
Erysipelas -	2·2	2	-	-	-	-	1	1	-										
Erysipelas -	3·6	4	-	-	-	2	2	-	-										
Erysipelas -	2·7	6	-	1	-	2	-	3	-										
Erysipelas -	3·6	1	1	-	-	-	-	-	-										
Erysipelas -	·9	3	1	-	-	-	1	1	-										

These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1877.

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.		Enu- me- rated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													Deaths in Public Institutions.
					Deaths of		Deaths from											
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.	
LONDON		3,254,260	2565	1528	337	349	103	22	23	4	41	5	14	1	18	45	95	319
WEST DISTRICTS.																		
St. Mary Paddington WH		58728	36	19	5	8	-	-	-	-	-	-	-	-	-	1	1	2
St. John Paddington H		38085	13	16	2	5	-	-	1	-	-	-	-	-	-	-	6	3
Kensington Town W		91645	67	37	9	8	-	-	1	-	-	-	-	-	1	-	2	4
Brompton H		28654	23	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Peter Hammersmith		6662	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith H		36029	37	20	7	3	1	-	-	-	1	-	-	-	-	-	2	-
Fulham WH		23350	32	15	2	2	1	-	-	-	-	-	-	-	-	1	3	2
Chelsea South HHH		26420	25	19	3	5	-	-	-	-	-	-	-	-	-	-	1	1
Chelsea North-west WHHH		22926	25	15	4	2	-	-	-	-	-	-	-	1	-	-	-	5
Chelsea North-east		21392	29	10	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Hanover Square H		18698	8	6	3	1	-	-	-	-	-	-	-	-	-	-	-	-
May Fair WW		13353	1	7	-	3	-	-	-	-	-	-	-	-	-	-	-	3
Belgrave HH		57972	27	30	8	6	1	-	-	-	-	-	-	-	1	4	5	9
St. John Westminster HH		38478	36	10	2	1	1	-	-	-	-	-	-	-	1	-	1	-
St. Margaret Westminster WH		27781	14	13	2	2	2	-	1	-	-	-	1	-	-	2	2	5
Golden Square WH		12860	9	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Berwick-street H		20759	10	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Anne Soho HHHHH		17562	12	10	2	1	1	1	-	-	-	-	-	-	-	1	1	-
NORTH DISTRICTS.																		
All Souls Marylebone HHHH		28579	19	17	3	3	-	-	1	-	-	-	-	-	-	1	2	7
Cavendish Square HH		15425	8	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone WH		26384	18	17	6	6	-	-	-	-	-	-	-	-	1	-	-	11
St. Mary Marylebone HHH		21786	13	5	-	1	-	-	-	-	-	-	-	-	-	-	1	-
Christchurch Marylebone H		33944	21	10	1	2	-	-	-	-	1	-	-	-	-	-	-	-
St. John Marylebone H		33136	23	11	2	4	-	-	-	-	-	-	-	-	-	1	1	-
Hampstead WvHH		32281	19	26	-	3	19	-	-	-	-	-	-	-	-	-	-	20
Regent's Park Pancras H		38200	20	13	4	2	-	-	-	-	1	-	-	-	-	-	-	-
Tottenham-court WHHH		29370	17	12	1	2	-	-	-	-	-	-	-	-	-	-	1	7
Gray's Inn Lane HH		29221	22	15	3	4	-	-	-	-	2	-	-	-	-	1	1	2
Somers Town		38533	36	20	4	3	2	2	-	-	2	-	1	-	-	-	3	-
Camden Town W		17943	11	13	2	4	1	1	-	-	-	-	1	-	-	-	1	6
Kentish Town w		68198	62	28	9	4	-	-	-	-	5	-	-	-	-	-	2	2
Islington West HHH		97820	77	33	7	9	3	1	1	-	1	1	-	-	-	-	1	3
Islington East WvWH		115958	104	61	18	19	2	-	-	-	5	-	-	-	2	1	4	15
Stoke Newington H		9841	10	8	1	3	1	-	-	-	-	-	-	-	-	-	2	-
Stamford Hill		6598	5	5	1	1	1	-	-	-	-	-	-	-	1	-	1	-
West Hackney		28069	24	10	3	2	-	-	-	-	-	-	-	-	-	-	-	24
Hackney WvWHL		50104	38	70	18	13	23	-	-	-	3	-	1	-	-	2	3	-
South Hackney		30339	23	6	2	-	-	-	-	-	-	1	-	-	-	-	-	-
CENTRAL DISTRICTS.																		
St. George Bloomsbury		17853	9	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles South WH		19109	18	12	2	5	-	-	-	1	-	-	-	-	-	-	1	4
St. Giles North		16594	15	4	-	2	-	-	-	-	-	-	-	-	1	-	1	-
Long Acre		11379	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Charing Cross HH		9859	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand		9378	5	7	1	2	1	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes H		10723	5	4	-	-	-	-	-	-	-	-	-	-	-	1	1	4
St. George-the-Martyr HHHHH		20521	6	8	1	2	-	1	-	-	-	-	-	-	-	-	-	1
St. Andrew Eastern W		13529	8	15	4	4	-	-	-	-	-	-	-	-	-	-	3	7
Saffron Hill H		9066	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell W		18917	21	8	4	1	1	1	-	-	-	-	-	-	-	-	-	2
Amwell Clerkenwell		16884	10	5	-	2	-	-	-	-	-	-	-	-	-	-	2	-
Pentonville		13337	14	7	2	1	1	-	-	-	-	-	-	-	-	-	-	-
Goswell-street		16242	18	4	-	-	-	-	3	-	-	-	-	-	-	-	-	-
Old-street H		12161	7	5	2	1	-	-	-	-	1	-	-	-	-	-	1	-
City-road HHL		18301	24	3	-	1	-	-	-	-	1	-	-	-	-	-	-	-
Whitecross-street		13792	11	6	4	1	-	-	-	-	-	-	1	-	-	1	2	-
Finsbury		10741	9	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph East London H		14540	10	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Cripplegate		13638	7	12	4	1	-	-	-	-	3	-	-	-	-	1	1	-
St. Sepulchre H		7562	3	15	-	-	-	-	1	-	-	-	-	-	-	2	3	13
St. Bride W		11185	2	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard		4426	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch		6270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe		4753	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking		5764	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street H		7845	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 3rd February 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enume- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include											
						Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.		
	LONDON—OUTER RING	368,414	631,381	536	270	52	70	12	2	6	3	2	6	4	5	9	35
29:1	Carshalton W - - -	12228	13523	7	2	-	1	-	-	-	-	-	-	-	-	-	-
2	Epsom (part of) * WH -	9971	9145	4	3	-	-	-	-	-	-	-	-	-	-	1	1
36:1	Godstone (part of) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37:1	Croydon WWH - - -	20851	71319	42	37	5	16	1	-	-	-	1	4	-	-	1	3
2	Mitcham WH - - -	11697	12534	10	3	-	-	1	-	-	1	-	-	-	-	-	-
38:1	Wimbledon HH - - -	3220	9087	9	4	1	1	-	-	-	-	-	-	-	-	-	-
2	Kingston WH - - -	8549	27489	25	12	3	2	1	-	1	-	1	-	-	-	-	3
3	Esher (part of) * - - -	6601	7353	2	1	1	-	-	-	-	-	-	-	-	-	-	-
4	Hampton - - -	4573	10185	9	4	-	-	-	-	-	-	-	-	-	-	-	-
39:1	Richmond WH - - -	2271	16329	17	5	1	2	-	-	-	-	-	-	1	-	-	-
2	Mortlake - - -	2961	9316	9	7	-	2	-	-	1	-	-	-	-	1	1	-
40:1	Bromley (part of) * HH -	15669	19509	11	7	-	1	-	-	-	-	-	-	-	-	-	-
2	Chislehurst (part of) * W -	13665	10028	8	5	1	1	-	-	-	-	-	1	-	-	-	1
41:1	Bexley H - - -	13439	19566	19	12	2	4	-	-	-	-	-	1	-	-	-	-
123:1	Sunbury W - - -	11055	9860	9	4	-	-	-	-	-	-	-	-	-	1	1	2
2	Staines W - - -	13277	10339	5	2	-	2	-	-	-	-	-	-	-	-	-	-
124:1	Hillingdon WH - - -	6029	9712	6	3	-	-	-	-	-	-	-	-	-	-	-	-
2	Uxbridge - - -	6178	5329	5	3	1	1	-	1	-	-	-	-	-	-	-	-
3	Hayes WL - - -	14587	10497	6	10	-	2	-	-	-	-	-	-	1	-	-	8
125:1	Isleworth W - - -	7008	19930	15	5	-	1	-	-	-	-	-	-	-	-	-	1
2	Twickenham - - -	2477	10533	5	2	-	1	-	-	-	-	-	-	-	-	-	-
3	Brentford HL - - -	4370	20279	3	10	2	3	-	-	-	1	-	-	1	-	-	-
4	Chiswick - - -	1311	8508	7	3	-	1	-	-	-	-	-	-	-	-	-	-
5	Acton WH - - -	6087	12683	10	6	4	1	-	-	-	-	-	-	1	-	-	-
126:1	Harrow H - - -	13809	10869	6	4	-	1	-	-	-	-	-	-	-	-	-	-
2	Edgware - - -	6994	3450	6	1	1	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - -	4383	15869	16	6	1	-	-	-	2	-	-	-	-	-	-	-
4	Hendon WH - - -	8332	6972	6	4	1	2	-	-	-	-	-	-	-	-	-	2
127:1	South Mimms - - -	15419	5924	2	1	-	-	-	-	-	-	-	-	-	-	-	-
2	Barnet W - - -	5423	7752	6	6	1	2	2	-	-	-	-	-	-	-	-	3
3	Finchley L - - -	4688	11493	10	7	-	3	1	-	-	-	-	-	-	1	1	3
128:1	Hornsey H - - -	3039	19357	19	6	2	2	-	-	-	-	-	-	-	-	-	-
2	Tottenham H - - -	4642	22869	16	12	4	3	1	-	-	-	-	-	-	-	1	-
3	Edmonton WW - - -	7483	13860	17	9	4	3	-	-	-	-	-	-	-	-	1	4
4	Enfield WH - - -	12653	16054	19	4	1	1	-	-	-	-	-	-	-	-	-	1
5	Waltham Abbey - - -	11017	5197	5	1	1	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - -	8493	7518	3	2	-	-	-	-	-	-	-	-	-	-	-	-
134:1	Hatfield (part of) * - -	3180	559	1	1	1	-	-	-	-	-	-	-	-	1	1	-
136:1	Bushey - - -	9028	6472	1	2	1	1	-	-	-	-	-	-	-	-	-	-
185:1	Stratford - - -	882	23286	31	9	1	1	-	-	2	-	-	-	-	-	-	-
2	West Ham WWWW - - -	7345	44642	76	27	7	2	2	1	-	-	-	-	-	1	1	2
3	Leyton WW - - -	4274	15513	12	5	2	1	-	-	-	-	-	-	-	-	-	1
4	Walthamstow H - - -	6619	15701	14	4	1	2	1	-	-	1	-	-	-	-	-	-
186:1	Chigwell (part of) * H -	10483	8169	7	2	-	1	-	-	-	-	-	-	-	-	-	-
188:1	Romford (part of) * - -	6730	2879	6	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - -	8492	5947	3	4	1	1	2	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	11	4	1	2	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:— 29:2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36:1, the two parishes of Warlingham and Farley in Godstone sub-district; 38:3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40:1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40:2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134:1, only the parish of Northaw in Hatfield sub-district; 186:1, the whole of the Chigwell sub-district, except the parish of Thoidon-Bois (pop. 798); 188:1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 3rd February 1877.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.		
REATER LONDON	446,494	4,367,547	21·5	3·2	1798	389	419	115	24	29	7	43	26	22	50	354	
INNER LONDON -	78,080	3,533,484	22·6	3·4	1528	337	349	103	22	23	4	41	20	18	45	319	
OUTER RING -	368,414	834,063	16·9	2·2	270	52	70	12	2	6	3	2	6	4	5	35	

NOTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 697·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 28 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA -	429,535	December 30	-	335	40·7	Fevers 66; cholera 66.
BOMBAY -	644,405	" 26	-	433	35·1	Small-pox 2.
MADRAS -	397,552	" 22	-	-	-	-
PARIS -	1,851,792	February 1	-	1059	29·8	Typhoid fever 37; small-pox 8.
GENEVA* -	67,829	January 20	29	28	21·5	Diphtheria and croup 2.
BRUSSELS -	188,609	" 27	130	78	21·6	Small-pox 4.
AMSTERDAM -	289,981	" 20	238	135	24·3	Measles 3; typhus and typhoid fever 2.
ROTTERDAM -	136,231	" 20	114	87	33·3	Whooping-cough 3.
THE HAGUE -	104,095	" 20	94	37	18·5	Whooping-cough 2.
COPENHAGEN -	215,000	" 23	166	104	25·2	Whooping-cough 2.
STOCKHOLM -	144,305	" 20	-	80	28·9	Scarlet fever 3.
CHRISTIANIA -	79,000	" 27	63	36	23·8	Measles 3; scarlet fever 2.
BERLIN -	980,000	" 13	916	499	26·6	Diphtheria 18; scarlet fever 17.
HAMBURG(State)	388,618	" 13	311	190	25·5	Whooping-cough 3.
BRESLAU -	246,813	" 20	185	145	30·7	Whooping-cough 4.
MUNICH -	209,000	" 27	-	126	31·5	Diphtheria and croup 5.
VIENNA -	714,548	" 27	577	332	24·2	Diphtheria 28; small-pox 14.
BUDA-PESTH -	315,401	" 20	285	278	46·0	Diphtheria 7; measles 4.
ROME -	262,428	December 31	-	-	-	-
NAPLES -	452,100	January 21	-	334	38·5	Measles 3; diphtheria 3.
TURIN -	223,488	" 20	127	94	21·9	Typhoid fever and typhus 8.
ALEXANDRIA -	212,034	" 20	202	186	45·8	Whooping-cough 9.
NEW YORK -	1,069,370	" 6	-	500	24·4	Scarlet fever 32.
BROOKLYN -	527,830	" 6	-	218	21·6	Diphtheria 28; scarlet fever 15.
PHILADELPHIA -	850,856	" 13	-	310	19·0	Typhoid fever 20; small-pox 7.
BOSTON -	352,000	" 13	-	116	17·2	Diphtheria 9; scarlet fever 5.

* With suburbs, including Genf, Plain-palais, and Eaux-Vives.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 3rd FEBRUARY, 1877. [Under the Superintendence of the Astronomer Royal.]

MOON.	READINGS OF THERMOMETERS.										DIFFERENCE				Degree of Humidity, complete saturation being represented by 100.	WIND.					RAIN.				
	Phases of Moon.	Baro-Meter.	Dry				Dew Point.	Highest in the sun, as shown by a self-registering thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between Dew Point Temperature and Air Temperature.		Between temperature of the day and mean temperature of the same day on an average of 60 years.*		As deduced from Anemometers.	Osler's.	Robinson's.	Collected in a Gauge whose receiving surface is 5 in. above the ground.						
			High-est.	Low-est.	Range in day.	Mean daily value.				Mean daily value.	Least.	General Direction.								Pressure on square foot.		Amount of Horizontal Movement of Air each day.	Depart-ure from Average of 16 years.		
												A. M.	P. M.							Great-est.				Least.	Mean of 24 Obs.
1877.																									
MONTH AND DAY.																									
JANUARY.																									
SUN. 28	..	29.786	51.7	35.5	16.2	43.8	39.7	66.0	31.2	41.1	38.9	4.1	7.3	0.5	85	SSW.	SW. & WSW.	7.7	0.0	1.0	468	137	0.02	1.1	
MON. 29	Perigee. Full.	29.904	49.4	34.5	14.9	41.4	34.0	70.7	28.8	41.3	39.1	7.4	11.0	5.4	75	W. & WSW.	WSW.	13.7	0.2	2.5	724	391	0.01	3.1	
TUES. 30	..	29.353	47.6	37.0	10.6	41.4	34.0	74.7	30.0	41.3	39.3	7.4	12.1	2.3	75	WSW.	WNW. & NW.	24.0	0.0	4.2	893	557	0.12	6.0	
WED. 31	..	29.872	42.7	33.7	9.0	38.8	34.7	51.5	26.0	42.3	39.8	4.1	7.3	1.8	85	WNW. & W.	WSW. & SSW. & S.	0.5	0.0	0.0	290	53	0.17	0.0	
FEBRUARY.																									
THURS. 1	In Equator	29.856	49.5	39.3	10.2	45.9	43.8	53.6	37.8	41.3	39.7	2.1	6.3	0.0	93	WSW.	WSW. & SW.	0.3	0.0	0.0	278	71	0.05	0.0	
FRI. 2	..	29.876	50.6	42.0	8.6	46.8	44.3	58.5	38.0	43.3	40.3	2.5	8.0	1.3	91	WSW. & SW.	SSW. & WSW.	4.8	0.0	0.6	406	54	0.05	0.0	
SAT. 3	..	30.010	49.5	34.9	14.6	42.6	37.0	87.5	30.5	44.3	41.3	5.6	10.9	2.1	81	SW.	SW.	3.4	0.0	0.4	397	43	0.00	0.7	
MEANS .	..	29.808	48.7	36.7	12.0	43.0	38.2	66.1	31.8	42.1	39.8	4.7	9.0	1.9	84	WSW. & SW.	WSW. & SW.	..	..	..	Sum 3456	Sum +1058	Sum 0.42	1.6
No. of Col.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE.	ELECTRICITY.	SKY AND ATMOSPHERE.
JANUARY.		
SUNDAY . 28	No electricity was seen throughout the week.	Overcast generally and rain fell occasionally till afternoon; fine afterwards. Lightning at night. Very fine in the morning; generally overcast after 1h. p.m. Rain fell in the afternoon and evening.
MONDAY . 29		A violent gale throughout the morning. Occasional showers of rain and hail till noon; fine afterwards; cloudless at night.
TUESDAY . 30		Cloudless in morning and a fine solar halo was seen between 9h. a.m. and noon; overcast with rain during the afternoon and evening.
WEDNESDAY 31		Rain fell in the early morning hours. Overcast generally.
FEBRUARY.		
THURSDAY . 1		Overcast till evening, and rain fell between 6h. and 8h. p.m.; generally clear at night.
FRIDAY . 2		A fine day; partially cloudy. A solar halo was seen for a short time about noon.
SATURDAY . 3		

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. a.m.; noon; 3h. p.m.; and 9h. p.m. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. a.m.; noon; 3h. p.m.; and 9h. p.m., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873. *In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and - "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer decreased from 30.06 in. at the beginning of the week to 29.77 in. by noon on the 28th; increased to 29.99 in. by 9h. a.m. on the 29th; decreased to 29.20 in. by 9h. a.m. on the 30th; increased to 29.92 in. by noon on the 31st of January; decreased to 29.79 in. by 9h. p.m. on the same day; increased to 29.92 in. by 9h. a.m. on the 2nd of February; decreased to 29.84 in. by 3h. p.m. on the same day; increased to 30.09 in. by 9h. a.m. on the 3rd; and was 29.92 in. at the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS
OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 6. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, FEBRUARY 10. [Price 1½d.

*General Register Office, Somerset House,
12th February, 1877.*

UNITED KINGDOM.

DURING last week 6272 *births* and 3666 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2606. The mortality from all causes was at the average rate of 23 deaths annually in every 1000 persons living. The annual death-rate was 16 per 1000 in Edinburgh, 27 in Glasgow, and 32 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow :—Newcastle-upon-Tyne 17, Portsmouth 18, Bradford 19, Nottingham 19, Sunderland 20, Norwich 20, Leeds 20, Brighton 21, London 22, Plymouth 22, Hull 23, Leicester 24, Sheffield 24, Bristol 24, Birmingham 25, Wolverhampton 26, Oldham 27, Liverpool 28, Manchester 29, and Salford 30. The deaths from small-pox in the twenty towns, which had been 113 and 130 in the two previous weeks, were 109 last week ; 90 occurred in London, 14 in Liverpool, 2 in Manchester (exclusive of four fatal municipal cases in the Monsall Hospital), 2 in Salford, one in Oldham, and not one in any of the fifteen other towns.

LONDON.

In LONDON 2717 BIRTHS and 1504 DEATHS were registered. Allowing for increase of population, the births exceeded by 168, whereas the deaths were 178 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 21·0 and 22·6, was last week 22·2.

The 1504 deaths included 90 from small-pox, 21 from measles, 14 from scarlet fever, 7 from diphtheria, 44 from whooping-cough, 20 from different forms of fever, and 11 from diarrhoea ; thus to the seven principal diseases of the zymotic class 207 deaths were referred, against 204 and 231 in the two preceding weeks. Four of the 21 fatal cases of measles occurred in Clerkenwell ; and of the 14 deaths from scarlet fever, two were returned in Eltham, and two in Lewisham. Two deaths from diphtheria were registered in Kentish Town. The 20 deaths referred to fever were 15 below the corrected average ; 2 were certified as typhus, 11 as enteric or typhoid, and 7 as simple or low fever. Of the two fatal cases of typhus, one occurred in Marchmont-street, Bloomsbury, and the other in the Stockwell Fever Hospital ; the latter case had been admitted from Slaidburn-street, Chelsea, making the ninth recent death from typhus in that District.

The deaths from small-pox, which had been 79, 86, and 103, respectively, in the three preceding weeks, were 90 last week, of which 44 were certified as unvaccinated, and 23 as vaccinated ; in the remaining 23 cases the medical certificates did not furnish any information as to vaccination, or contained statements that the medical practitioner was unable to certify whether the deceased had or had not been vaccinated. The 90 deaths included 32 of children under five years of age, 23 of whom were certified to be unvaccinated, one vaccinated, and 8 were not stated as to vaccination.

Of the 90 deaths from small-pox 42 occurred in the Metropolitan Asylum Hospitals, 2 in the St. Pancras Hospital, 2 in the North Street Infirmary (Poplar), one in the Mile End Workhouse, and one in Guy's Hospital ; the remaining 42, or 47 per cent. of the total cases, occurred in private dwellings, showing a decline from the per centage in the previous week. After distributing the hospital cases, it appears that 17 of the deceased patients had resided in Lambeth, 10 in Southwark,

9 in Hackney, 9 in Bow, 6 in Newington, and 5 in Bethnal Green; in all, 4 belonged to the West, 12 to the North, 4 to the Central, 34 to the East, and 36 to the South groups of districts. The disease showed by far the greatest proportional fatality in East London, and there caused an annual death-rate of 2·6 per 1000 persons living. The Metropolitan Asylum Hospitals, which now have accommodation for 1077 small-pox patients, contained 814 on Saturday last, against 830 and 838 at the end of the two previous weeks; 196 cases were admitted during the week.

Different forms of violence caused 51 deaths; 47 were the result of negligence or accident, including 20 from fractures and contusions, 4 from burns and scalds, 7 from drowning, and 8 of infants under one year of age from suffocation. Two deaths were caused by horses or vehicles in the streets.

In the large Public Institutions 317 deaths were recorded, or 21 per cent. of the total deaths; of these, 227 occurred in Workhouse Establishments, 83 in Hospitals, and 7 in Lunatic Asylums.

GREATER LONDON.

In Greater London 3323 births and 1791 deaths were registered, equal to annual rates of 39·7 and 21·4 per 1000 of the population. The fatal cases of small-pox in the Outer Ring which had been 10, 11, and 12 in the three previous weeks, further rose to 18 last week, of which 2 occurred in Croydon, 2 in Wimbledon, 4 in Edmonton, Tottenham, and Hornsey, and 9 in Stratford, West Ham, and Walthamstow.

Dr. Frankland, F.R.S., reports as the result of his analysis of the waters supplied to the Metropolis and its suburbs during January, that taking the average amount of organic impurity obtained in a given volume of the Kent Company's water during the last nine years as unity, the proportional amount in an equal quantity of water supplied by each of the Metropolitan Companies, by the Tottenham Local Board, and the Colne Valley Company was:—Tottenham 0·7, Kent 1·3, Colne Valley 1·4, New River 5·0, East London 5·1, West Middlesex 6·0, Lambeth 6·0, Grand Junction 6·9, Chelsea 7·0, and Southwark 8·0. The Thames continued in high flood during January, and the water delivered by each of the Companies deriving their supply from that source was again most objectionably polluted with organic matter, although to a somewhat less extent than in December; the water, however, was declared to be "quite unfit for dietetic purposes," even after efficient filtration. The West Middlesex Company, moreover, alone supplied efficiently filtered Thames water; the water delivered by each of the four other Companies drawing their supply from that river contained moving organisms, and in three of the samples fungoid growths were found. The Lea water was of better quality than that of the Thames, but was more polluted than in December, and was "unfit for domestic use." The East London water was efficiently filtered, but that delivered by the New River Company was slightly turbid, and contained moving organisms.

The water supplied to the Metropolis or its suburbs from deep wells by the Kent Company, the Colne Valley Company, and the Tottenham Local Board, was entirely unaffected by the long continued heavy rains and floods, was palatable, bright, and sparkling, and contained but mere traces of organic matter. The Colne Valley Company's water is softened by lime before delivery; and whereas the Kent and Tottenham waters showed 28° and 33½° of hardness, the Colne Valley water showed but 5°.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 36, Bombay 33, Madras 68; Paris 27; Geneva 22; Brussels 26; Amsterdam 28, Rotterdam 29, The Hague 23; Copenhagen 22; Stockholm 31; Christiania 27; Berlin 25, Hamburg 24, Breslau 26, Munich 36; Vienna 25, Buda-Pesth 41; Naples 40, Turin 23; Alexandria 44; New York 22, Brooklyn 19, Philadelphia 19, and Boston 20.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·98 in.; the highest reading was 30·18 in. on Monday morning, and the lowest 29·73 in. on Saturday morning. The mean temperature of the *air* was 46°·3, and 7°·2 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed an excess on each day of the week, and on

Wednesday was 52°·2 and 13°·1 above the average. The lowest night temperature was 32°·1 on Monday, and the highest day temperature in the shade 59°·1 on Wednesday; the extreme range in the week was, therefore, 27°·0. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 87°·3 on Thursday. The difference between the mean *dew-point* and *air* temperature averaged 4°·5. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 44°·1. The mean degree of *humidity* of the air was 85, complete saturation being represented by 100. The general direction of the *wind* was Westerly, and the horizontal movement of the air averaged 16·3 miles per hour, which was 1·7 above the average in the corresponding week of 16 years. *Rain* fell on three days of the week, but only to the aggregate amount of ·06 of an inch.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of JANUARY 1877; according to their returns 112,205,609 gallons or 509,801 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 212 gallons (96·1 decalitres) rather less than a *ton* by weight, to each house, and 29·8 gallons (13·5 decalitres) to each person, against 30·1 gallons during January 1876.

COMPANIES.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for do- mestic consumption) during the Month of	
	JANUARY 1876.	JANUARY 1877.	JANUARY 1876.	JANUARY 1877.
TOTAL SUPPLY	523,487	530,464	112,034,444	112,205,619
From Thames	245,766	247,965	56,732,457	56,521,086
From Lea and from other Sources	277,721	282,499	55,301,987	55,684,533
THAMES.				
Chelsea	28,600	28,737	6,709,800	6,869,000
West Middlesex	47,499	48,762	9,252,877	9,290,314
Southwark and Vauxhall	80,322	77,800	18,100,000	17,500,000
Grand Junction	36,036	37,055	10,380,880	10,858,962
Lambeth	53,318	55,611	12,288,900	12,002,800
LEA AND OTHER SOURCES.				
New River	124,056	125,100	26,089,000	25,192,000
East London	109,375	111,967	22,562,000	23,902,000
Kent	44,290	45,432	6,650,987	6,590,533

Note.—The Return for January 1877, as compared with that for the corresponding month of 1876. shows an increase of 6,977 houses, and of 171,165 gallons of water supplied daily. A decline of 2,522 was shown in the number of houses supplied by the Southwark and Vauxhall Company in consequence of their having withdrawn their supply from Richmond.

ANALYSIS OF METROPOLITAN WATER SUPPLY DURING JANUARY.

Royal College of Chemistry, South Kensington Museum,
2nd February 1877.

SIR,

I HAVE to report to you in the following Table the results of the chemical analysis of the waters supplied to the inner, and portions of the outer circle of the Metropolis during the month of January.

I append also the results obtained in the analysis af the water supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham, and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the last nine years as unity, the proportional amount in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health was :—Tottenham 0·7, Kent 1·3, Colne Valley 1·4, New River 5·0, East London 5·1, West Middlesex 6·0, Lambeth 6·0, Grand Junction 6·9, Chelsea 7·0, and Southwark 8·0.

The Thames continued in high flood during the month, and in consequence the water delivered by the Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth Companies, was again much polluted by organic matter of very objectionable origin. Although the pollution was somewhat less intense than in December, the water was still quite unfit for dietetic purposes even when delivered in an efficiently filtered condition. The West Middlesex was, however, the only Company drawing from the Thames, which sent out to its customers efficiently filtered water; the supplies of the Lambeth, Southwark and Vauxhall, Grand Junction, and Chelsea Companies contained moving organisms, and the water of the three last named Companies fungoid growths.

The water of the Lea, though better than that of the Thames, was much more polluted in January than in December, and was unfit for domestic use. The East London Company filtered this water efficiently, but the New River Company supplied it in a slightly turbid condition, and moving organisms were found amongst the suspended matters.

The water supplied from deep wells to the inner circle by the Kent Company, and to the outer circle by the Colne Valley Water Company, and the Tottenham Local Board of Health was entirely unaffected by the long continued rains and floods. It was palatable, bright, and sparkling and contained only mere traces of organic matter, and was of most excellent quality for dietetic pur-

poses. The water of the Colne Valley Company is softened by lime before delivery and is thus rendered serviceable for washing and bathing. Whilst the Kent and Tottenham waters have respectively 28 and 33½ degrees of hardness, the Colne Valley water has only 5 degrees. The proportion of total solid matters in solution is also correspondingly reduced by this softening process. It was water from this source and of this quality which the late Rivers Commission recommended to be gradually substituted for the river water supplied to inner London.

Seen through a stratum two feet deep, the Kent, Colne Valley, and Tottenham waters were clear and colourless, the East London was clear and very nearly colourless, the West Middlesex clear and pale yellow, the New River slightly turbid and very pale brown, the Lambeth slightly turbid and pale brownish yellow, the Chelsea slightly turbid and pale brown, the Grand Junction slightly turbid and brownish yellow, and the Southwark turbid and brown.

Dr. Hill, the Medical Officer of Health for Birmingham, reports that the water supplied to that town was "turbid and yellowish, and contained an increased quantity of organic carbon and "nitrogen. The late heavy rains are doubtless the chief cause of this greater organic pollution."

Dr. Mills, F.R.S., Professor of Technical Chemistry in the Andersonian University, Glasgow, reports that the water supplied to that city from Loch Katrine was "very pale brown and decidedly "ferruginous, and contained a considerable number of muddy particles and some fibres."

I am, &c.

The Registrar General, &c., &c.

E. FRANKLAND.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

COMPANIES OR LOCAL AUTHORITIES.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Mat- ters.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Ni- trates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES:	o								
	Chelsea - - - { 5th January, Cab Rank, Horse Guards. }	8·7	27·52	·355	·058	0	·244	·302	1·42	17·4
	West Middlesex - { 5th January, Cab Rank, Portland-road. }	9·2	27·94	·285	·071	0	·289	·360	1·47	18·0
	Southwark and Vauxhall - - { 5th January, Cab Rank, St. George's Church, Borough. }	9·2	27·60	·403	·067	0	·228	·295	1·45	18·3
	Grand Junction - { 5th January, Lancaster-gate, Hyde Prk. }	9·0	28·20	·335	·071	0	·239	·310	1·50	18·4
	Lambeth - - - { 5th January, Cab Rank, Westminster Bridge-road. }	8·7	30·20	·296	·058	0	·320	·378	1·65	19·1
	OTHER SOURCES:									
Outer Circle.	New River - - - { 5th January, Cab Rank, Tottenham-court-road. }	9·0	30·20	·255	·041	0	·333	·374	1·50	20·3
	East London - { 6th January, Royal Hotel, Mile-End-rd. }	8·2	31·40	·249	·051	0	·230	·281	1·72	19·7
	Kent - - - { 6th January, Deptford Bridge Police Station. }	12·2	43·68	·056	·021	0	·472	·493	2·35	28·1
	Colne Valley - - - { 4th January, Main at Bushey. }	-	12·26	·059	·025	0	·310	·335	1·35	5·0
	Tottenham Board of Health - - - { 19th January, High Street, Tottenham. }	-	55·52	·028	·015	·032	1·450	1·491	4·52	33·5
	Corporation of Birmingham* - - - { 11th January, 4 Court, Moseley-street. }	7·8	27·02	·528	·093	·003	·154	·249	1·40	19·6
	Corporation of Glasgow † { 21st January, Loch Katrine service. }	5·7	2·00	·151	·053	·002	·003	·058	·71	·7
Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the Borough.

† Analysed by Dr. E. J. Mills, F.R.S., of the Andersonian University, Glasgow.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11 all relate to 100,000 parts of the waters. The Table is to be read thus: the Chelsea Company's water, collected on the 5th of January at the Horse Guards cab-rank, had a temperature of 8·7 C.; 100,000 lbs. of it contained 27·52 lbs. of solid matters; the organic matter, constituting a portion of these matters, contained ·355 lb. of carbon and ·058 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·244 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·302 lb. The above weight of water also contained 1·42 lb. of chlorine. Finally, 100,000 lbs. of the water contained 17·4 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the United Kingdom, during the Week ending Saturday, the 10th day of February 1877.

CITIES AND BOROUGHES. <i>Municipal Boundaries, except for LONDON (and DUBLIN.)</i>	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 10th February 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERA- TURE OF THE AIR. (CENTI- GRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centi- metres.
23 TOWNS in the } UNITED KINGDOM }	212,881	8,144,940	38·3	6272	3666	59·1	31·9	45·2	7·33	0·31	0·79
LONDON - - -	75,362	3,533,484	46·9	2717	1504	59·1	32·1	46·3	7·95	0·06	0·15
BRIGHTON - - -	2,354	102,264	43·4	75	41	52·2	33·3	45·7	7·61	0·35	0·89
PORTSMOUTH - - -	4,486	127,144	28·3	82	43	55·0	34·0	46·9	8·28	0·08	0·20
IPSWICH - - -	7,472	84,023	11·2	55	32	55·0	34·8	45·3	7·39	0·10	0·25
PLYMOUTH - - -	1,395	72,911	52·3	48	31	56·0	38·5	48·3	9·06	0·40	1·02
BRISTOL - - -	4,452	202,950	45·6	159	95	53·0	33·0	45·8	7·67	0·27	0·69
SOUTHAMPTON - - -	3,896	73,389	21·6	63	36	53·2	30·6	42·1	5·62	0·32	0·81
BIRMINGHAM - - -	8,400	377,436	44·9	355	180	56·4	36·8	45·9	7·72	0·28	0·71
GLoucester - - -	3,200	117,461	36·7	98	53	54·8	34·8	44·5	6·95	0·15	0·38
NOTTINGHAM - - -	1,996	95,025	47·6	69	35	53·6	31·9	43·4	6·33	0·10	0·25
LIVERPOOL - - -	5,210	527,083	101·2	392	282	54·0	39·4	46·3	7·95	0·30	0·76
MANCHESTER - - -	4,293	359,213	83·7	312	201	53·0	32·0	43·2	6·22	0·66	1·68
GLoucester - - -	5,170	141,184	27·3	127	81	53·3	31·9	44·5	6·95	0·75	1·90
GLoucester - - -	4,666	89,796	19·2	74	46	-	-	-	-	-	-
GLoucester - - -	7,220	179,315	24·8	143	64	51·6	36·2	44·1	6·73	0·58	1·47
GLoucester - - -	21,572	298,189	13·8	247	117	54·0	36·0	45·1	7·28	0·27	0·69
GLoucester - - -	19,651	282,130	14·4	238	129	53·0	36·1	45·6	7·56	0·39	0·99
GLoucester - - -	3,635	140,002	38·5	110	63	52·0	34·0	43·7	6·50	0·19	0·48
GLoucester - - -	3,306	110,382	33·4	94	42	53·0	33·0	46·1	7·84	0·24	0·61
GLoucester - - -	5,371	142,231	26·5	124	46	-	-	-	-	-	-
GLoucester - - -	4,191	218,729	52·2	125	68	53·8	34·2	43·0	6·11	0·56	1·42
GLoucester - - -	6,033	555,933	92·1	367	284	-	-	-	-	-	-
GLoucester - - -	10,050	314,666	31·3	198	193	56·8	36·5	47·5	8·61	0·17	0·43

For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.
The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by addition of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,055,612 persons, and in DUBLIN, during the Week ending Saturday the 10th day of February 1877.

BOROUGHES, &c. <i>Municipal Boundaries, except for LONDON and DUBLIN.)</i>	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from									
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhea.	Violence.		
In 20 TOWNS -	23·1	2·9	3121	698	693	109	38	54	18	98	55	25	107	204	528
LONDON - - -	22·2	3·1	1504	317	379	90	21	14	7	44	20	11	51	111	317
BRIGHTON - - -	20·9	0·5	41	10	12	-	-	-	1	-	-	-	2	2	5
PORTSMOUTH - - -	17·6	4·1	43	4	4	-	-	4	-	2	4	-	-	-	5
IPSWICH - - -	19·9	1·2	32	5	14	-	1	1	-	-	-	-	1	1	5
PLYMOUTH - - -	22·2	2·2	31	5	9	-	-	-	1	-	2	-	-	-	4
BRISTOL - - -	24·4	2·6	95	29	21	-	1	-	-	5	2	2	1	2	7
SOUTHAMPTON - - -	25·6	2·1	36	7	11	-	-	1	-	1	1	-	3	4	4
BIRMINGHAM - - -	24·9	2·5	180	49	33	-	2	5	3	7	1	-	13	18	29
GLoucester - - -	23·6	1·8	53	18	11	-	2	-	-	1	-	1	-	4	6
NOTTINGHAM - - -	19·2	1·1	35	11	12	-	-	-	-	2	-	-	-	3	4
LIVERPOOL - - -	27·9	3·6	282	54	50	14	-	6	1	7	6	2	10	10	46
MANCHESTER - - -	29·2	4·2	201	48	29	2	5	7	1	8	4	2	8	24	41
GLoucester - - -	29·9	4·8	81	23	15	2	2	2	-	3	1	3	2	3	8
GLoucester - - -	26·7	4·1	46	8	9	1	1	3	1	1	-	-	1	1	5
GLoucester - - -	13·6	1·8	64	22	10	-	-	1	-	2	3	-	4	6	3
GLoucester - - -	20·5	2·5	117	27	16	-	-	7	-	3	3	1	2	4	11
GLoucester - - -	23·9	2·8	129	25	27	-	-	2	3	4	5	1	4	5	13
GLoucester - - -	23·5	3·4	63	16	12	-	3	-	-	4	1	1	2	2	6
GLoucester - - -	19·9	1·9	42	12	11	-	-	1	-	3	-	-	3	3	2
GLoucester - - -	16·9	1·5	46	8	8	-	-	-	-	1	2	1	-	1	7
DUBLIN - - -	32·0	2·8	193	25	59	2	1	4	-	2	7	1	3	1	53

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the SIXTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2299	2397	2249	2289	2466	2492	2335	2363	2488	2446	2382·4	2717
Males . .	1173	1162	1152	1185	1257	1210	1201	1192	1264	1251	1204·7	1423
Females .	1126	1235	1097	1104	1209	1282	1134	1171	1224	1195	1177·7	1294
TOTAL Deaths	1567	1394	1426	1568	1749	1524	1554	1597	1726	1610	1571·5	1504
Males . .	850	738	724	763	875	764	778	789	867	835	798·3	784
Females .	717	656	702	805	874	760	776	808	859	775	773·2	720

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867–76 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Nov. 18.	Nov. 25.	Dec. 2.	Dec. 9.	Dec. 16.	Dec. 23.	Dec. 30.	Jan. 6.	Jan. 13.	Jan. 20.	Jan. 27.	Feb. 3.	Feb. 10.
TOTAL Deaths - - -	1886	1504	1558	1446	1443	1456	1510	1507	1358	1491	1425	1528	1504
0—20 - - -	850	699	717	626	678	626	713	673	565	693	636	673	648
20—40 - - -	265	220	212	232	221	256	183	229	218	244	226	214	215
40—60 - - -	331	238	286	256	242	256	274	277	261	258	254	292	262
60—80 - - -	352	276	287	278	247	272	280	278	265	217	251	289	317
at 80 years & upwds.	88	71	56	54	55	46	60	50	49	79	58	60	62
Deaths of { Under 1 year -	438	361	384	324	351	313	357	340	263	367	331	337	317
children { 1—5 - - -	277	225	205	195	238	217	254	222	202	219	209	241	212
{ 5—20 - - -	135	113	128	107	89	96	102	111	100	107	96	95	119
Deaths from 7 principal Zymotic Diseases }	205	184	219	197	236	237	235	253	214	210	204	231	207
„ „ Smallpox - - -	52	43	67	50	75	97	75	116	100	79	86	103	90
„ „ Measles - - -	16	27	31	24	31	30	40	28	24	17	22	22	21
„ „ Scarlet Fever - -	55	42	41	42	54	37	29	25	23	42	21	23	14
„ „ Diphtheria - - -	6	10	9	8	6	8	9	12	4	5	3	4	7
„ „ Whooping-cough -	27	23	25	28	23	23	34	32	25	31	40	41	44
„ „ Typhus fever - - -	2	3	2	-	3	5	5	3	3	5	4	5	2
„ „ Enteric (or Typhoid) fever - }	29	25	21	24	21	15	16	14	17	10	14	14	11
„ „ Simple Contd fever -	2	4	7	6	4	5	6	5	2	3	3	1	7
„ „ Diarrhoea - - -	16	7	16	15	19	17	21	18	16	18	11	18	11
„ „ Simple Cholera - -	-	-	-	-	-	-	1	1	-	-	-	-	-
„ „ Dis. of Respiratory Organs - }	593	438	411	315	282	305	352	298	291	290	304	375	381
„ „ Phthisis - - -	208	176	154	150	170	168	149	134	139	166	147	156	173
„ „ Heart Diseases - -	92	67	95	94	87	78	91	101	75	81	96	95	101
Violent Deaths - - -	61	50	55	60	50	54	71	89	51	55	52	45	51
Inquest Cases - - -	121	90	98	104	97	93	123	170	96	101	91	95	111
Deaths in Public Institutions	345	258	300	307	292	297	293	335	297	316	283	319	317
TEMPERATURE OF THE AIR:													
Mean - - -	50·0	43·6	46·0	47·5	42·5	39·9	43·3	46·8	41·5	45·5	39·0	43·0	46·3
Mean of Highest readings -	55·3	47·5	51·1	51·0	45·5	44·0	46·9	50·9	46·2	49·8	46·8	48·7	52·2
Mean of Lowest readings -	44·4	40·3	40·6	44·3	38·8	35·8	39·0	42·0	37·4	39·7	30·7	36·7	40·5
Mean Temperature of the Water of the Thames }	44·4	47·2	45·4	46·9	43·2	42·7	38·5	44·9	44·6	42·7	43·2	41·0	44·1
Humidity of the Air - - -	90	85	88	88	89	92	92	87	90	90	87	84	85
Rain-fall in inches - - -	1·40	0·30	1·69	1·40	0·24	2·19	1·23	1·34	1·96	0·39	0·40	0·42	0·06

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the SIXTH Week of the Year 1877.

USES OF DEATH.	Average in the Sixth Weeks of the 10 years 1867-76.	In the Week ending Saturday, February 10, 1877.								CAUSES OF DEATH.	Average in the Sixth Weeks of the 10 years 1867-76.	In the Week ending Saturday, February 10, 1877.							
		Deaths of Persons of the Ages										Deaths of Persons of the Ages							
		ALL AGES.	Under 20.			40.	60.	80.	80 Years and upwards.			ALL AGES.	Under 20.			40.	60.	80.	80 Years and upwards.
			Mean Tem.	0-1.	1-5.								5-20.	Mean Tem.	0-1.					1-5.	5-20.
Mean Temperature -	38° 8	46° 3	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	Mean Temperature	38° 8	46° 3	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
ALL CAUSES -	1571·5	1504	317	212	119	215	262	317	62	9. Stricture of Intestines	·7	1	-	-	-	1	-	-	-
PECIFIED CAUSES	1562·0	1501	315	212	119	215	262	316	62	10. Fistula -	·8	1	-	-	-	1	-	1	-
ZYMOTIC DISEASES.										11. Stomach Disease, &c. -	6·0	7	4	-	-	1	2	-	-
ORDER 1.										12. Pancreas Disease, &c. -	·1	-	-	-	-	-	-	-	-
Small-pox -	36·5	90	9	23	30	23	5	-	-	13. Hepatitis -	2·7	2	-	-	-	1	-	1	-
Measles -	24·1	21	4	16	1	-	-	-	-	14. Jaundice -	3·8	3	-	-	-	3	8	13	-
Scarlet Fever -	40·0	14	-	7	6	1	-	-	-	15. Liver Disease, &c. -	17·0	27	-	-	-	6	8	13	-
Diphtheria -	7·3	7	-	2	5	-	-	-	-	16. Spleen Disease, &c. -	·1	-	-	-	-	-	-	-	-
Quinsy -	·7	-	-	-	-	-	-	-	-	ORDER 5.									
Croup -	14·4	12	2	9	1	-	-	-	-	1. Nephritis -	2·4	3	-	-	1	1	1	-	-
Whooping-cough -	68·9	44	23	20	1	-	-	-	-	2. Ischuria -	·3	-	-	-	-	-	-	-	-
Typhus -	32·9	2	-	-	-	1	1	-	-	3. Bright's Dis. (Nephria) -	10·8	12	-	-	-	8	4	-	-
Enteric or Typhoid Fev. -	32·9	11	1	3	4	3	-	-	-	4. Diabetes -	3·1	2	-	-	1	1	-	-	-
Simple continued Fev. -	7·7	6	1	-	-	3	1	1	-	5. Calculus (Stone) -	1·1	-	-	-	-	-	-	-	-
Erysipelas -	5·7	8	-	-	-	8	-	-	-	6. Cystitis -	1·3	-	-	-	-	-	-	-	-
Puerperal Fev. (Metria) -	·8	-	-	-	-	-	-	-	-	7. Kidney Disease, &c. -	8·6	8	-	-	-	2	4	1	1
Carbuncle -	1·2	1	-	-	-	-	-	-	-	ORDER 6.									
Influenza -	1·2	1	-	-	-	-	1	-	-	1. Ovarian Dropsy -	·4	1	-	-	-	1	-	-	-
Dysentery -	13·4	11	6	2	-	-	2	1	-	2. Uterus Disease, &c. -	4·3	6	-	-	1	-	1	4	-
Diarrhoea -	·5	-	-	-	-	-	-	-	-	ORDER 7.									
Simple Cholera -	·5	-	-	-	-	-	-	-	-	1. Synovitis (Arthritis) -	·1	1	-	-	-	-	-	-	1
Ague -	·3	-	-	-	-	-	-	-	-	2. Joint Disease, &c. -	6·3	12	-	-	3	3	3	3	-
Remittent Fever -	9·5	9	-	-	3	1	2	3	-	ORDER 8.									
Rheumatism -	·6	2	1	1	-	-	-	-	-	1. Phlegmon -	3·0	4	-	-	-	1	3	-	-
Other Zymotic Diseases	·6	2	1	1	-	-	-	-	-	2. Ulcer -	1·9	-	-	-	-	-	-	-	-
ORDER 2.										3. Skin Disease, &c. -	1·2	-	-	-	-	-	-	-	-
Syphilis -	9·4	7	6	-	-	-	1	-	-	IV. DEVELOPMENTAL DISEASES.									
Stricture of Urethra -	1·7	2	-	-	-	-	1	1	-	ORDER 1.									
Hydrophobia -	·1	-	-	-	-	-	-	-	-	1. Premature Birth -	20·2	28	28	-	-	-	-	-	-
Glanders -	·1	-	-	-	-	-	-	-	-	2. Cyanosis -	2·2	5	5	-	-	-	-	-	-
ORDER 3.										3. Spina Bifida -	1·6	1	1	-	-	-	-	-	-
Privation -	·7	-	-	-	-	-	-	-	-	4. Other Malformations -	·9	1	1	-	-	-	-	-	-
Want of Breast-milk -	10·4	13	13	-	-	-	-	-	-	5. Teething -	17·0	11	9	2	-	-	-	-	-
Purpura and Scurvy -	1·9	2	-	1	-	1	-	-	-	ORDER 2.									
Alco-) a Del. Tremens	1·1	-	-	-	-	-	1	1	-	1. Paramenia -	·1	-	-	-	-	-	-	-	-
Alco-) b Intemperance	1·1	2	-	-	-	-	1	1	-	2. Childbirth (see Puer-)	4·5	3	-	-	-	3	-	-	-
ORDER 4.										peral Fever) -									
Thrush -	2·5	2	2	-	-	-	-	-	-	ORDER 3.									
Worms, &c. -	·1	1	-	1	-	-	-	-	-	1. Old Age -	64·3	52	-	-	-	-	26	26	-
CONSTITUTIONAL.										ORDER 4.									
ORDER 1.										1. Atrophy and Debility	64·2	44	27	6	3	1	2	5	-
Gout -	2·5	1	-	-	-	-	1	-	-	V. VIOLENT DEATHS, &c.									
Dropsy -	11·1	7	-	-	1	3	3	-	-	ORDER 1.									
Cancer -	32·2	33	-	-	-	3	19	10	1	(ACCIDENT OR NEGLIGENCE.)									
Cancrum Oris (Noma) -	·1	-	-	-	-	-	-	-	-	1. Fractures & Contusions	17·8	20	-	1	5	3	8	2	1
Mortification -	3·6	2	-	-	-	-	2	-	-	2. Wounds { Gunshot -	·9	-	-	-	-	-	-	-	-
ORDER 2.										3. Burns and Scalds -	9·2	4	-	2	-	-	-	2	-
Scrofula -	8·8	7	3	1	2	1	-	-	-	4. Poison -	·8	1	-	-	1	-	-	-	-
Tuberc Mesenterica -	17·6	17	11	5	1	-	-	-	-	5. Drowning -	6·7	7	-	-	6	1	-	-	-
Phthisis -	176·0	173	5	2	16	87	57	6	-	6. Suffocation -	11·0	11	8	2	1	-	-	-	-
Hydrocephalus -	29·3	20	4	14	2	-	-	-	-	7. Otherwise -	3·0	4	3	-	-	1	-	-	-
LOCAL DISEASES.										ORDER 3.									
ORDER 1.										(HOMICIDE.)									
Cephalitis -	17·0	22	6	10	4	2	-	-	-	1. Murder & Manslaughter	2·4	2	-	-	-	1	-	1	-
Apoplexy -	39·3	43	6	4	1	2	11	17	2	ORDER 4.									
Paralysis -	33·1	28	-	-	-	1	11	14	2	(SUICIDE.)									
Insanity -	2·4	-	-	-	-	-	-	-	-	1. Wounds { Gunshot -	·5	-	-	-	-	-	-	-	-
Chorea -	·1	-	-	-	-	-	-	-	-	2. Poison -	·2	-	-	-	-	-	-	-	-
Epilepsy -	7·5	5	1	-	2	1	1	-	-	3. Drowning -	1·0	-	-	-	-	-	-	-	-
Convulsions -	61·5	62	47	14	-	-	-	1	-	4. Hanging -	1·5	1	-	-	-	1	-	-	-
Brain Disease, &c. -	19·8	20	-	1	2	1	3	12	1	5. Otherwise -	·7	1	-	-	-	-	-	-	-
ORDER 2.										ORDER 5.									
Pericarditis -	3·4	5	-	-	1	-	3	1	-	(EXECUTION.)									
Aneurism -	2·7	3	-	-	-	1	-	2	-	1. Hanging -	-	-	-	-	-	-	-	-	-
Heart Disease, &c. -	81·1	93	1	1	7	13	24	41	6	Violent Deaths (not classed)	·6	-	-	-	-	-	-	-	-
ORDER 3.										Sudden Deaths (Cause	·9	-	-	-	-	-	-	-	-
Laryngitis -	11·1	8	1	3	2	2	-	-	-	unascertained) -		-	-	-	-	-	-	-	-
Bronchitis -	247·1	260	45	33	-	9	52	105	16	Causes not specified or	8·6	3	2	-	-	-	-	1	-
Pleurisy -	3·7	3	-	-	-	2	1	-	-	ill-defined -									
Pneumonia -	86·9	78	20	22	8	12	7	8	1										
Asthma -	18·8	12	-	-	-	1	1	10	-										
Lung Disease, &c. -	17·8	20	9	1	1	1	1	6	1										
ORDER 4.																			
Gastritis -	1·7	-	-	-	-	-	-	-	-										
Enteritis -	5·0	2	1	1	-	-	-	-	-										
Peritonitis -	5·0	5	-	-	-	-	3	2	-										
Ascites -	2·2	-	-	-	-	-	-	-	-										
Ulceration of Intestines	3·4	2	-	-	-	1	1	-	-										
Hernia -	3·5	6	-	-	1	2	2	1	-										
Ileus -	3·3	2	-	-	-	-	1	1	-										
Intussusception -	·5	1	1	-	-	-	-	-	-										

NOTE.—Where a person is “found drowned” the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under “accident or negligence.”

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.		Enume- rated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include														Inquest Cases.	Deaths in Public Institutions.
					Deaths of		Deaths from													
							Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.				
LONDON		3,254,260	2717	1504	317	379	90	21	14	7	44	2	11	7	11	51	111	317		
WEST DISTRICTS.																				
St. Mary Paddington WH		58728	44	21	8	3	1	-	-	-	2	-	-	-	-	1	1	2		
St. John Paddington H		38085	12	8	-	3	-	-	1	-	-	-	-	1	-	1	-	-		
Kensington Town W		91645	88	40	6	13	1	1	-	-	-	-	-	-	-	-	2	4		
Brompton H		28654	7	6	1	1	-	-	-	-	-	-	-	-	-	-	-	2		
St. Peter Hammersmith		6662	4	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-		
St. Paul Hammersmith H		36029	43	12	3	2	-	-	-	-	-	-	-	-	-	-	-	1		
Fulham WH		23350	24	9	1	4	1	-	-	-	-	-	-	-	-	-	-	3		
Chelsea South HHH		26420	30	10	2	2	-	-	-	-	-	-	-	-	-	1	3	1		
Chelsea North-west WHHH		22926	15	12	3	1	1	-	-	1	-	-	-	-	-	-	1	-		
Chelsea North-east		21392	10	9	1	3	-	-	1	-	-	-	-	1	-	-	-	-		
Hanover Square H		18698	4	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
May Fair WW		13358	12	7	1	4	-	-	-	-	-	-	-	-	-	1	1	5		
Belgrave HH		57972	21	30	3	7	-	1	-	-	1	-	-	-	-	1	2	7		
St. John Westminster HH		38478	33	17	4	4	-	-	1	-	-	-	-	-	-	1	3	1		
St. Margaret Westminster WH		27781	18	19	3	9	-	-	-	-	-	-	-	-	-	-	-	11		
Golden Square WH		12860	9	4	-	1	-	-	-	-	-	-	-	-	-	-	-	3		
Berwick-street H		20759	11	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. Anne Soho HHHHH		17562	19	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
NORTH DISTRICTS.																				
All Souls Marylebone HHHH		28579	15	11	1	2	-	-	-	-	-	-	-	-	-	1	1	5		
Cavendish Square HH		15425	5	5	3	1	-	-	-	-	-	-	-	-	-	-	-	-		
Rectory Marylebone WH		26384	23	20	1	8	-	-	-	-	1	-	-	-	-	1	2	10		
St. Mary Marylebone HHH		21786	8	9	1	5	-	-	-	-	-	-	-	-	-	-	-	-		
Christchurch Marylebone H		33944	27	15	5	4	-	-	-	-	-	-	2	1	-	-	1	-		
St. John Marylebone H		33136	24	8	-	7	-	-	-	-	-	-	-	-	-	-	1	-		
Hampstead WvHH		32281	17	13	-	4	8	-	-	-	-	-	-	-	-	-	-	8		
Regent's Park Pancras H		38200	28	10	-	4	-	-	-	-	-	-	-	-	-	-	-	-		
Tottenham-court WHHH		29370	10	16	3	3	-	-	-	-	1	-	-	-	1	-	-	10		
Gray's Inn Lane HH		29221	22	15	3	5	-	-	-	-	-	-	-	-	-	1	2	3		
Somers Town		38533	30	14	2	4	-	-	-	-	1	-	-	-	-	1	2	-		
Camden Town WH		17943	25	15	1	8	2	-	-	-	-	-	-	-	-	-	-	10		
Kentish Town w		68198	54	38	7	14	-	-	-	2	4	-	1	-	-	-	3	7		
Islington West HHH		97820	101	35	10	4	-	1	1	-	2	-	-	-	-	1	1	1		
Islington East WvWH		115958	89	55	8	14	-	1	1	1	2	-	1	1	-	3	4	18		
Stoke Newington H		9841	10	9	1	4	-	-	-	-	-	-	-	-	-	-	-	-		
Stamford Hill		6598	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
West Hackney		28069	18	10	2	4	-	-	-	1	-	-	-	-	-	-	2	-		
Hackney WvWH		50104	29	53	6	12	26	-	1	-	-	-	-	-	-	2	8	29		
South Hackney		30339	25	16	4	2	2	-	-	-	2	-	-	-	-	-	-	-		
CENTRAL DISTRICTS.																				
St. George Bloomsbury		17853	8	10	3	3	-	-	-	-	-	1	-	-	-	-	-	-		
St. Giles South WH		19109	21	16	-	2	-	1	-	-	-	-	-	-	-	-	1	4		
St. Giles North		16594	8	9	3	1	-	1	-	-	-	-	-	1	1	-	-	-		
Long Acre		11379	6	3	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
Charing Cross HH		9859	7	4	-	-	-	-	-	-	-	-	-	-	-	-	2	3		
St. Mary-le-Strand		9378	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Clement Danes H		10723	8	5	-	-	-	-	-	-	-	-	-	-	-	-	-	3		
St. George-the-Martyr HHHHH		20521	16	9	3	1	-	-	-	-	-	-	-	-	-	-	-	4		
St. Andrew Eastern W		13529	4	6	3	-	1	-	-	-	-	-	-	-	-	-	-	-		
Saffron Hill H		9066	8	3	3	-	-	-	-	-	-	-	-	-	-	-	-	1		
St. James Clerkenwell W		18917	13	12	4	-	-	1	-	-	-	-	-	-	-	-	-	-		
Amwell Clerkenwell		16884	13	7	4	2	-	1	-	-	1	-	-	-	-	2	4	2		
Pentonville		13337	11	5	2	1	-	-	-	-	2	-	-	-	-	-	-	-		
Goswell-street		16242	11	9	-	1	-	2	-	-	-	-	-	-	-	-	-	-		
Old-street H		12161	6	2	-	2	-	-	-	-	-	-	-	-	-	-	1	-		
City-road HHL		18301	24	5	1	2	-	-	-	-	-	-	-	-	-	-	-	1		
Whitecross-street		13792	13	3	1	1	-	-	-	-	-	-	-	-	-	-	1	-		
Finsbury		10741	2	4	1	1	-	-	-	-	-	-	-	-	-	-	3	-		
St. Botolph East London H		14540	5	5	1	-	-	1	-	-	-	-	1	-	-	-	-	-		
Cripplegate		13638	8	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Sepulchre H		7562	1	6	-	2	-	-	-	-	-	-	-	-	-	1	1	4		
St. Bride W		11185	5	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-		
Castle Baynard		4426	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Christchurch		6270	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Queenhithe		4753	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
Allhallows Barking		5764	1	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-		
Broad-street H		7845	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
aturday, 10th February 1877.

REGISTRATION SUB-DISTRICTS.	Enu- me- rated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include														Inquest Cases.	Deaths in Public Institutions.
				Deaths of		Deaths from													
				Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.				
EAST DISTRICTS.																			
olywell Shoreditch	-	12430	6	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
Leonard Shoreditch	HL†	16545	12	5	3	3	-	-	-	-	-	-	-	-	-	-	1	-	
oxton New Town	w	27835	22	8	2	2	-	-	-	-	-	-	-	-	-	-	-	-	
oxton Old Town	-	26933	21	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
aggerston West	W	24162	28	17	-	7	1	-	-	-	-	2	-	-	1	-	4	6	
aggerston East	H	19259	24	5	3	-	-	-	-	-	-	1	-	-	-	-	-	-	
ackney-road	-	29822	35	9	4	2	-	-	-	-	-	-	-	-	-	-	2	-	
reen, Bethnal Green	WHL†	42433	49	35	7	11	3	2	1	-	-	-	-	-	-	3	5	9	
urch, Bethnal Green	-	26577	29	16	5	3	1	-	-	-	-	-	-	-	-	-	2	-	
own, Bethnal Green	-	21272	9	11	4	2	-	-	-	-	-	-	-	-	-	3	4	-	
italfields	H	22499	15	8	2	1	-	-	1	-	-	1	-	-	-	1	2	1	
ile End New Town	W	15550	23	9	2	-	-	-	-	-	-	-	-	-	-	-	5	7	
hitechapel North	-	11597	10	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
hitechapel Church	H	7322	6	15	-	2	-	-	-	-	-	-	-	-	-	2	4	11	
oodman's Fields	-	10381	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ldgate	-	9224	7	4	-	2	-	-	-	-	-	-	-	-	-	-	1	-	
St. Mary St. George East	-	17900	22	11	2	1	-	-	-	-	-	-	-	-	-	1	1	-	
St. Paul St. George East	-	21350	20	8	2	1	1	1	-	-	-	-	-	-	-	-	1	-	
St. John St. George East	W	8802	11	8	1	6	-	-	-	-	-	-	-	-	-	-	-	6	
adwell	-	11640	5	4	2	-	1	-	-	-	-	-	-	-	-	-	1	-	
atchellff	H	16131	14	7	1	2	1	-	-	-	-	-	-	-	-	1	-	1	
imehouse	W	29919	31	21	10	3	1	-	-	-	-	1	-	-	-	1	3	-	
ile End Old Town Western	-	38128	32	18	4	4	1	-	1	1	2	-	-	-	-	2	1	-	
ile End Old Town Eastern	WwvH	55024	62	27	3	7	1	-	-	-	1	-	-	-	-	1	4	6	
ow	wwvHL†	67765	86	64	14	17	7	-	-	-	5	-	-	-	-	2	1	20	
oplar	WW	48611	48	21	4	4	2	1	-	-	2	-	-	-	-	-	1	2	
SOUTH DISTRICTS.																			
hristchurch Southwark	WH	14573	10	8	4	-	-	-	-	-	1	-	-	-	-	1	1	1	
St. Saviour Southwark	H	15677	12	7	3	1	-	1	-	-	-	-	-	-	-	-	-	-	
ent-road	-	20421	15	10	5	2	1	-	-	-	-	-	-	-	-	1	-	-	
orough-road	WH	16695	16	7	3	1	-	-	-	-	1	-	-	-	-	1	1	-	
ondon-road	HL	18961	17	9	4	2	-	-	-	-	-	-	-	-	-	-	-	-	
trinity Newington	-	23682	20	11	1	5	1	-	-	-	-	-	-	-	-	-	1	-	
St. Peter Walworth	W	48248	40	38	11	3	5	1	-	1	-	-	1	-	2	-	-	14	
St. Mary Newington	-	16792	15	7	4	2	-	-	-	-	-	-	-	-	-	-	-	-	
St. Olave Southwark	H	4373	1	9	1	-	1	-	-	-	-	-	-	-	-	2	2	7	
St. John Horsleydown	W	10500	11	5	2	2	-	-	-	-	-	-	-	-	1	-	-	2	
leather Market	-	16787	14	8	4	1	-	-	-	-	1	-	-	-	-	-	-	-	
St. Mary Magdalen	W	15709	13	11	2	5	-	-	-	-	-	-	-	-	-	-	-	5	
St. James Bermondsey	-	47933	50	20	6	3	-	1	-	-	-	-	-	-	-	-	-	-	
otherhithe	W	27096	38	22	4	7	-	-	-	-	-	-	-	-	-	2	2	8	
Waterloo-road 1st	H	14074	11	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
Waterloo-road 2nd	H	18465	9	4	3	1	-	-	-	-	-	-	-	-	-	-	1	-	
hambeth Church 1st	H	19492	17	15	3	1	1	-	-	-	-	-	1	-	-	3	4	8	
hambeth Church 2nd	WW	35833	38	22	4	12	2	-	-	-	1	-	-	-	-	-	-	6	
ennington 1st	-	41286	33	15	2	5	2	-	-	-	1	-	-	-	-	-	2	-	
ennington 2nd	-	31221	18	13	3	5	1	1	-	-	-	-	-	-	-	-	-	-	
rixton	w	35435	44	29	3	8	11	-	-	-	-	1	1	-	-	-	-	13	
orwood	W	12536	16	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
apham	H	27347	22	6	2	2	1	-	-	-	-	-	-	-	-	-	-	-	
attersea	Ww	54016	75	23	5	3	-	-	-	-	3	-	-	-	-	-	1	-	
andsworth	HL	19783	17	3	-	1	-	-	-	-	-	-	-	-	-	-	-	2	
utney	-	9439	4	8	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
reatham	-	14475	15	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
ulwich	-	4041	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
amberwell	WL†L†	31254	28	16	1	6	-	-	-	-	-	-	-	-	1	-	1	8	
eckham	W	42160	61	7	3	1	-	1	-	-	-	-	-	-	-	-	-	-	
St. George Camberwell	-	33851	38	6	1	1	-	-	1	-	-	-	-	1	-	1	1	-	
St. Paul Deptford	-	53714	50	23	5	6	1	1	-	-	-	-	1	-	-	1	1	-	
St. Nicholas Deptford	-	6474	5	4	2	2	-	-	-	-	-	-	-	-	-	-	-	-	
reenwich West	-	21034	15	6	2	2	-	-	-	-	-	-	-	-	-	-	-	-	
reenwich East	WH	19378	15	13	1	2	-	-	-	-	-	-	-	-	-	-	-	6	
atham	H	4539	5	3	-	-	-	-	2	-	-	-	-	-	-	-	-	-	
ee	-	16440	10	2	-	1	-	-	-	-	-	-	-	-	-	1	1	-	
ewisham Village	WH	11513	18	7	1	2	-	-	2	-	-	-	-	-	1	-	-	2	
ydenham	H	19065	14	6	3	-	-	-	-	-	-	-	1	-	-	-	-	-	
harlton	H	9564	4	2	1	-	-	-	-	-	1	-	-	-	-	-	-	1	
oolwich Dockyard	-	17226	14	8	1	3	-	-	-	-	-	-	-	-	-	-	-	-	
oolwich Arsenal	WHH	18331	18	5	-	2	-	-	-	-	-	-	-	-	-	-	-	1	
umstead, West	-	13027	9	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
umstead, East	W	15232	11	4	-	3	-	-	-	-	-	-	-	-	-	-	-	1	

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the
ove Table by *w*:-

Central London Sick Asylum in Tottenham-court sub-district.	London City Workhouse in { Mile End Old Town Eastern sub-dist. and
Kentish Town sub-district.	Bow sub-district.
London City Workhouse in Islington East sub-district.	Stepney Bow sub-district.
Holborn Infirmary	Poplar & Stepney Sick Asylum
London City Workhouse " Hackney sub-district."	Westminster Union Industrial School in Battersea sub-district.
Holborn " Hoxton New Town sub-district.	Small-pox and Fever Hospitals in Hampstead, Hackney, and Brixton
Whitechapel " Mile End Old Town Eastern sub-dist.	sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 10th February 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Ename- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include											
						Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.		
	LONDON—OUTER RING	368,414	631,381	606	287	63	80	18	1	5	3	3	1	3	4	11	31
29:1	Carshalton W - - -	12228	13523	12	2	-	2	-	-	-	-	-	-	-	-	-	-
2	Epsom (part of) * WH -	9971	9145	6	4	2	-	-	-	-	-	-	-	-	-	-	1
36:1	Godstone (part of) * - -	2754	900	-	1	-	-	-	-	-	1	-	-	-	-	-	-
37:1	Croydon WWH - - -	20851	71319	51	36	7	10	2	-	-	1	-	-	-	-	1	4
2	Mitcham WH - - -	11697	12534	6	4	1	2	-	-	-	-	-	-	-	1	1	-
38:1	Wimbledon HH - - -	3220	9087	13	9	1	1	2	-	-	-	-	-	-	-	1	1
2	Kingston WH - - -	8549	27489	31	16	1	9	-	-	-	-	-	1	1	-	-	2
3	Esher (part of) * - - -	6601	7353	11	5	-	2	-	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	8	3	-	1	-	-	-	-	-	-	1	-	-	-
39:1	Richmond WH - - -	2271	16829	11	5	2	-	-	-	-	-	-	-	-	-	-	-
2	Mortlake - - - -	2961	9816	13	4	1	1	-	-	-	-	-	-	-	1	1	-
40:1	Bromley (part of) * HH -	15669	19509	21	5	1	1	-	-	-	-	-	-	-	1	1	-
2	Chislehurst (part of) * W -	13665	10028	13	6	2	-	-	-	1	-	-	-	-	-	-	-
41:1	Bexley H - - - -	13439	19566	17	3	1	2	-	-	-	-	-	-	-	-	1	-
123:1	Sunbury W - - - -	11055	9860	5	5	1	4	-	-	-	-	-	-	-	-	-	-
2	Staines W - - - -	13277	10339	7	1	-	-	-	-	-	-	-	-	-	-	-	-
124:1	Hillingdon WH - - -	6029	9712	11	4	2	1	-	-	-	-	-	-	1	-	1	-
2	Uxbridge - - - -	6178	5329	2	2	-	1	-	-	-	-	-	-	-	-	-	-
3	Hayes WL - - - -	14587	10497	6	4	-	3	-	-	-	-	-	-	-	-	-	2
125:1	Isleworth W - - - -	7008	19930	15	12	2	7	-	-	-	-	-	-	-	-	-	2
2	Twickenham - - - -	2477	10533	7	3	1	2	-	-	-	-	-	-	-	-	-	-
3	Brentford HL - - - -	4370	20279	27	4	2	-	-	-	-	-	-	-	-	-	-	-
4	Chiswick - - - -	1311	8508	14	3	1	-	-	-	-	-	-	-	-	-	-	-
5	Acton WH - - - -	6087	12683	13	13	3	1	-	-	-	-	-	-	-	-	-	-
126:1	Harrow H - - - -	13809	10869	7	2	-	-	-	-	-	-	-	-	-	-	-	-
2	Edgware - - - -	6994	3450	-	1	-	-	1	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	20	9	3	1	-	-	2	-	-	-	-	-	2	-
4	Hendon WH - - - -	8382	6972	2	1	-	-	-	-	-	-	-	-	-	-	-	-
127:1	South Mimms - - - -	15419	5924	3	2	-	1	-	-	1	-	-	-	-	-	-	-
2	Barnet W - - - -	5423	7752	3	5	1	1	-	-	-	-	-	-	-	-	-	-
3	Finchley L - - - -	4688	11493	10	7	-	2	-	-	-	-	-	-	-	-	-	5
128:1	Hornsey H - - - -	3039	19357	21	11	5	4	1	-	-	-	-	-	-	-	-	-
2	Tottenham H - - - -	4642	22869	13	12	2	2	1	-	-	-	-	-	-	-	1	-
3	Edmonton WW - - - -	7483	13860	16	10	-	6	2	-	-	-	-	-	-	-	-	8
4	Enfield WH - - - -	12653	16054	19	6	3	2	-	-	-	-	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	2	3	3	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	4	3	-	2	-	-	-	-	-	-	-	-	-	-
134:1	Hatfield (part of) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136:1	Bushey - - - -	9028	6472	7	1	-	-	-	-	-	-	-	-	-	1	1	-
135:1	Stratford - - - -	882	23286	24	15	3	3	5	-	-	1	-	-	-	-	-	-
2	West Ham WWWW - - -	7345	44642	83	22	7	2	3	1	1	-	-	-	-	-	-	1
3	Leyton WW - - - -	4274	15513	22	6	-	3	-	-	-	-	-	-	-	-	-	5
4	Walthamstow H - - -	6619	15701	11	7	1	-	1	-	-	-	2	-	-	-	-	-
136:1	Chigwell (part of) * H -	10483	8169	7	5	3	-	-	-	-	-	1	-	-	-	-	-
138:1	Romford (part of) * - -	6730	2879	1	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - - -	8492	5947	4	3	-	1	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - - -	4123	6576	7	2	1	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:—29:2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36:1, the two parishes of Warlingham and Farley in Godstone sub-district; 38:3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40:1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40:2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134:1, only the parish of Northaw in Hatfield sub-district; 136:1, the whole of the Chigwell sub-district, except the parish of Thoydon-Bell (pop. 798); 138:1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 10th February, 1877.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from								Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	
GREATER LONDON	446,494	4,367,547	21·4	2·9	1791	380	459	108	22	19	10	47	21	14	55	348
INNER LONDON -	78,080	3,533,484	22·2	3·1	1504	317	379	90	21	14	7	44	20	11	51	317
OUTER RING -	368,414	834,063	18·0	2·1	287	63	80	18	1	5	3	3	1	3	4	31

NOTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 7,647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 26 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA -	429,535	January 6	-	299	36·3	Fevers 59; cholera 50.
BOMBAY -	644,405	" 2	-	408	33·0	Small-pox 4; cholera 1.
MADRAS -	397,552	December 29	-	515	67·6	Cholera 147.
PARIS -	1,851,792	February 8	-	944	26·6	Typhoid fever 38.
GENEVA* -	67,829	January 27	39	29	22·3	—
BRUSSELS -	188,609	February 3	126	94	26·0	Small-pox 5; typhoid fever 5.
AMSTERDAM -	289,981	January 27	207	154	27·7	Fevers 4.
ROTTERDAM -	136,231	" 27	90	77	29·5	—
THE HAGUE -	104,095	" 27	102	45	22·6	Whooping-cough 4.
COPENHAGEN -	215,000	" 30	153	92	22·3	Whooping-cough 6.
STOCKHOLM -	144,305	" 27	-	86	31·1	Scarlet fever 4.
CHRISTIANIA -	79,000	February 3	58	41	27·1	Scarlet fever 3.
BERLIN -	980,000	January 20	896	470	25·0	Diphtheria 15; scarlet fever 13.
HAMBURG (State)	388,618	" 20	266	181	24·3	Whooping-cough 3.
BRESLAU -	246,813	" 27	189	125	26·4	—
MUNICH -	209,000	February 3	-	145	36·2	Diphtheria and croup 4.
VIENNA -	714,548	" 3	583	347	25·3	Diphtheria 25; small-pox 14.
BUDA-PESTH -	315,401	January 27	242	245	40·5	Whooping-cough 10; diphtheria 7.
ROME -	262,428	" 7	-	-	-	—
NAPLES -	454,948	" 28	-	349	40·0	Diphtheria 6; typhoid fever 4; small-pox 2.
TURIN -	223,488	" 27	122	100	23·3	Typhoid fever and typhus 7.
ALEXANDRIA -	212,034	" 27	185	130	44·3	Whooping-cough 5.
NEW YORK -	1,069,370	" 13	-	459	22·4	Scarlet fever 28.
BROOKLYN -	527,830	" 13	-	189	18·7	Diphtheria 15; scarlet fever 10.
PHILADELPHIA -	850,856	" 20	-	305	18·7	Diphtheria 14; typhoid fever 12; small-pox 10.
BOSTON -	352,000	" 20	-	136	20·2	Diphtheria 10; scarlet fever 5.

* With suburbs, including Genf, Plain-palais, and Eaux-Vives.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 10th FEBRUARY, 1877.

[Under the Superintendence of the Astronomer Royal.]

MOON.		BARO-METER.		READINGS OF THERMOMETERS.						DIFFERENCE				WIND.				RAIN.								
				Dry.		Dew Point.		Highest in the sun, as shown by a self-registering thermometer bulb in vacuo, placed on the Grass.		Lowest on the Grass, as shown by a self-registering thermometer.		Between Dew Point Temperature and Air Temperature.		Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*		Degree of Humidity, complete saturation being represented by 100.				As deduced from Anemometers.		Collected in a Gauge whose receiving surface is 5 in. above the ground.				
Phases of Moon.		Mean daily reading (corrected and reduced to 32 deg. Fahr. height).	High-est.	Low-est.	Range in day.	Mean daily value.	Mean daily value.	Highest.	Lowest.	Mean daily value.	Greatest.	Least.	General Direction.		Pressure on square foot		Amount of Horizontal Movement of Air of each day.		Robinson's.		Depart-ure from Average of 16 years.					
													A. M.	P. M.	Greatest.	Least.	Mean of 24 Obs.	lbs.	lbs.	Miles.	Miles.	Inches				
FEBRUARY.																										
SUN. . 4	..	30.033	46.0	33.5	12.5	39.5	33.5	62.8	29.8	44.1	41.8	6.0	11.4	1.5	0.6	79	WSW. & W.	WNW. & SW.	2.6	0.0	0.2	363	7	0.01	2.3	
MON. . 5	Last Quarter	30.137	49.3	32.1	17.2	42.4	40.3	71.6	28.0	43.3	42.3	2.1	6.7	0.0	3.4	92	SW.	SW.	1.9	0.0	0.2	363	6	0.00	0.7	
TUES. . 6	..	30.078	52.5	46.6	5.9	49.2	46.9	58.3	44.8	43.8	42.3	2.3	3.6	1.5	10.1	92	WSW.	SW.	1.7	0.0	0.2	409	51	0.01	3.3	
WED. . 7	..	29.967	59.1	47.0	12.1	52.2	46.1	78.8	46.0	44.8	42.8	6.1	11.8	2.0	13.1	80	WSW.	W. & NNW.	4.5	0.0	1.0	499	143	0.04	3.0	
THURS. . 8	Greatest Dec. S.	30.015	52.0	40.0	12.0	44.7	37.4	87.3	33.0	46.3	43.7	7.3	13.6	2.4	5.6	76	WSW. NNE. & NW.	WNW. W. & WSW.	1.8	0.0	0.1	211	139	0.00	0.0	
FRI. . 9	..	29.869	53.4	37.6	15.8	45.7	42.2	65.2	29.1	46.3	44.3	3.5	7.0	1.9	6.6	88	W. & WSW.	WSW.	3.0	0.0	0.5	371	29	0.00	0.5	
SAT. . 10	..	29.756	52.9	46.9	6.0	50.2	45.9	67.9	43.0	47.3	44.7	4.3	5.0	3.4	11.2	85	WSW. & W.	W.	6.3	0.0	0.9	530	196	0.00	2.7	
MEANS .		29.979	52.2	40.5	11.6	46.3	41.8	70.3	36.2	45.1	43.1	4.5	8.4	1.8	7.2	85	WSW.		..	..	..	Sum 2746	Sum + 293	Sum 0.06	1.8
No. of Cal.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

ELECTRICITY.

SKY AND ATMOSPHERE.

NOTES.

DATE.	FEBRUARY.	4	5	6	7	8	9	10
SUNDAY								
MONDAY								
TUESDAY								
WEDNESDAY								
THURSDAY								
FRIDAY								
SATURDAY								

A little rain fell in the early morning. Fine and partially cloudy throughout the day; cloudless at night.

Generally overcast. A little rain fell in the afternoon and evening.

Overcast with occasional rain till evening; at night the amount of cloud was small.

Fine but cloudy in the morning; overcast after noon, and rain fell frequently in the evening.

A fine day; partially cloudy. Cloudless at night.

The sky was generally covered with cloud throughout the day.

Overcast generally. A little thin rain fell at times.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873.

* In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and — "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 29.92 in. at the beginning of the week to 30.18 in. by 9h. A.M. on the 5th; decreased to 29.94 in. by 3h. P.M. on the 7th; increased to 30.04 in. by noon on the 8th; decreased to 29.73 in. by 9h. A.M. on the 10th; and was 29.80 in. at the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS
OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 7. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, FEBRUARY 17. [Price 1½d.

*General Register Office, Somerset House,
19th February, 1877.*

UNITED KINGDOM.

DURING last week 5934 *births* and 3535 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2399. The mortality from all causes was at the average rate of 23 deaths annually in every 1000 persons living. The annual death-rate was 21 per 1000 in Edinburgh, 26 in Glasgow, and 26 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Portsmouth 15, Brighton 16, Sheffield 16, Norwich 17, Sunderland 17, Hull 19, Bristol 19, Leeds 21, Plymouth 21, London 22, Leicester 22, Wolverhampton 23, Birmingham 23, Nottingham 23, Bradford 24, Newcastle-upon-Tyne 26, Manchester 27, Liverpool 28, Salford 32, and the highest rate 34 in Oldham. The 95 deaths from small-pox in the twenty towns included 72 in London, 15 in Liverpool, 2 in Manchester (exclusive of two fatal municipal cases in the Monsall Hospital), 5 in Salford, and one in Birmingham; no death from this disease was recorded in any of the fifteen other towns.

LONDON.

In LONDON 2476 BIRTHS and 1462 DEATHS were registered. Allowing for increase of population, the births were 90 and the deaths 238 below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 22·6 and 22·2 per 1000, further declined last week to 21·6.

The 1462 deaths included 72 from small-pox, 18 from measles, 19 from scarlet fever, 6 from diphtheria, 38 from whooping-cough, 18 from different forms of fever, and 16 from diarrhoea; thus to the seven principal diseases of the zymotic class 187 deaths were referred, against 231 and 207 in the two preceding weeks. These 187 deaths were 53 below the corrected average number from the same diseases in the corresponding week of the last ten years. The 18 fatal cases of measles included 10 in South London, and 4 of the 19 deaths from scarlet fever occurred in Islington. Two deaths from diphtheria occurred in one family at New Hatcham. Whooping cough showed the greatest fatality in East London, where 4 deaths resulted in Mile End Old Town and 3 in Bow. The 18 deaths referred to fever were 22 below the corrected average; 7 were classified as typhus, 9 as enteric or typhoid, and 2 as simple fever. Of the seven fatal cases of typhus, four resulted from the outbreak in Chelsea, one occurred in Marylebone (certified as cerebro-spinal fever), one in Somers Town (certified as "*Ascaris lumbricoides* 21 days, *febris cerebro-spinalis* 5 days"), and one in New Balham.

The deaths from small-pox, which had been 103 and 90 in the two preceding weeks, further declined last week to 72, of which 28 were certified as unvaccinated and 17 as vaccinated; in the remaining 27 cases the medical certificates did not furnish any information as to vaccination, or contained statements that the medical practitioner was unable to certify whether the deceased had or had not been vaccinated. The 72 fatal cases included 19 of children under five years of age, 12 being certified as unvaccinated and 7 not stated as to vaccination.

Of the 72 deaths from small-pox, 28 occurred in the Metropolitan Asylum Hospitals, and 4 in the Small-pox Hospital at Highgate; the remaining 40, or 56 per cent. of the total cases, occurred in private dwellings, a larger proportion than in any previous week of the epidemic. After distributing the hospital cases, it appears that 8 of the deceased small-pox patients had resided in Bow, 7 in Poplar,

7 in Lambeth, 4 in St. Olave Southwark, 4 in Camberwell, and 4 in Kensington; in all, 10 belonged to the West, 6 to the North, one to the Central, 26 to the East, and 29 to the South groups of Districts. The disease continues to show the greatest proportional fatality in East London, especially in Bow and Poplar. The Metropolitan Asylum Small-pox Hospitals contained 898 patients on Saturday last against 830 and 838 at the end of the two previous weeks.

Different forms of violence caused 45 deaths; 41 were the result of negligence or accident, including 15 from fractures and contusions, 6 from burns and scalds, 6 from drowning, and 7 of infants under one year of age from suffocation.

GREATER LONDON.

In Greater London 2949 births and 1704 deaths were registered, equal to annual rates of 35·2 and 20·4 per 1000 of the population. Ten fatal cases of small-pox were registered in the Outer Ring, including 3 in West Ham, 2 in Edmonton, and one each in Croydon, Bexley, Acton, Hornsey, and Ilford sub-districts. Three more deaths from diphtheria occurred in Croydon.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 35, Bombay 37, Madras 95; Paris 27; Geneva 28; Brussels 24; Amsterdam 31, Rotterdam 30, The Hague 27; Copenhagen 25; Stockholm 32; Christiania 22; Berlin 23, Hamburg 26, Breslau 31, Munich 32; Vienna 27, Buda-Pesth 42; Turin 23; Alexandria 49; New York 22, Brooklyn 19, Philadelphia 17, and Boston 18. Cholera caused 250 deaths in Madras.

METEOROLOGY.

Meteorological conditions have an undoubted influence on life, disease, and death. For man, as it has been well said, is an atmospherical creature. The child, the man, the woman, the veteran in ripe age, the healthy and the sickly, all feel these influences in different degrees. The deaths go up in the heats of summer, or in the chill colds of winter; and go down in mild weather. Hence for many years the London Weekly Tables have shown by the side of the causes of death the varying pressures of the atmosphere; temperature in the shade, in the sun, on the grass; the moisture and dryness of the air we breathe: the north, south, east, west winds, and the velocity at which they fly; and the daily rainfall. Latterly some subtler conditions have been expressed in numbers; the ozone has been measured, electrical disturbances have been recorded. It will be for science to determine the precise effects of these states on life. One other condition is of unquestionable importance; it is light, a condition of the elements approaching perhaps nearer than anything else their state in life. The Astronomer Royal has undertaken to register, by Mr. Campbell's ingenious instrument, the hours of sunshine in comparison with the number of hours the sun is above the horizon. Thus last week the sun was above the horizon 69·3 hours, but his light was intercepted, and he only shone on London 9·3 hours: four days not at all; Sunday 5·3 hours, Friday 3½ hours, and Saturday half an hour.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·70 in.; the lowest reading was 29·47 in. on Monday afternoon, and the highest 29·92 in. by the end of the week. The mean temperature of the *air* was 46°·4, and 7°·6 above the average in the corresponding week of the 60 years 1814-73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed a marked excess on each day of the week, and on Wednesday was 49°·5, or 10°·7 above the average. The lowest night temperature was 36°·9 on Friday, and the highest day temperature in the shade 54°·6 on Sunday; the extreme range in the week was, therefore, 17°·7. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in *vacuo* placed on the grass, was 91°·0 on Sunday. The difference between the mean *dew-point* and *air* temperature averaged 5°·3. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 47°·5. The mean degree of *humidity* of the air was 82, complete saturation being represented by 100. The general direction of the *wind* was westerly, and the horizontal movement of the air averaged 16·0 miles per hour, which was 3·5 above the average in the corresponding week of 16 years. *Rain* fell on five days of the week, to the aggregate amount of 0·78 of an inch.

CAMPBELL'S REGISTERING SUN DIAL.—This instrument, kindly lent by Mr. J. F. Campbell for use at the Royal Observatory, consists of a sphere of glass, 4 inches in diameter, supported concentrically within a hemispherical metal bowl, in such manner, that the image of the sun, formed when the sun shines, falls always on the concave surface of the bowl. On this concave surface is laid a strip of cardboard (held in position by suitable clamping pieces) on which the image of the sun is received, and when ever the sun shines *brightly* the cardboard becomes either discoloured or blackened or altogether burnt through. The position of the meridian is marked on the card before removing it from the bowl, and time scales of different lengths having been prepared, that one suitable for the particular day is employed to mark the scale of hours on the record.

TABLE 1. BIRTHS and DEATHS registered, and METEOROLOGY,* during the Week ending Saturday the 17th day of February 1877, in the following large Towns.

CITIES AND BOROUGHES.	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 17th February 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERA- TURE OF THE AIR. (CENTI- GRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centi- metres.
23 Towns in the } UNITED KINGDOM }	212,881	8,144,940	38·3	5934	3535	58·6	30·9	46·4	8·00	0·57	1·45
LONDON - - -	75,362	3,533,484	46·9	2476	1462	54·6	36·9	46·4	8·00	0·78	1·98
BRIGHTON - - -	2,354	102,264	43·4	55	31	54·4	35·4	47·0	8·33	0·60	1·52
PORTSMOUTH - - -	4,486	127,144	28·3	88	36	54·5	39·0	48·0	8·89	0·60	1·52
WORWICH - - -	7,472	84,023	11·2	53	28	54·5	38·5	46·0	7·78	0·33	0·84
PLYMOUTH - - -	1,395	72,911	52·3	50	30	57·5	39·5	50·0	10·00	0·72	1·83
Bristol - - -	4,452	202,950	45·6	157	73	54·3	36·9	47·9	8·83	0·70	1·78
SOLVERHAMPTON - -	3,396	73,389	21·6	68	32	54·6	30·9	45·0	7·22	0·61	1·55
BIRMINGHAM - - -	8,400	377,436	44·9	308	167	56·0	37·0	47·3	8·50	0·54	1·37
CESTER - - -	3,200	117,461	36·7	101	50	55·8	37·0	46·5	8·06	0·44	1·12
NOTTINGHAM - - -	1,996	95,025	47·6	67	42	56·7	34·2	45·7	7·61	0·62	1·57
LIVERPOOL - - -	5,210	527,083	101·2	436	282	54·9	38·4	46·4	8·00	0·70	1·78
MANCHESTER - - -	4,293	359,213	83·7	299	184	55·0	35·0	45·5	7·50	0·71	1·80
ALFORD - - -	5,170	141,184	27·3	161	87	54·5	33·9	45·0	7·22	0·65	1·65
LDHAM - - -	4,666	89,796	19·2	70	59	-	-	-	-	-	-
ADFORD - - -	7,220	179,315	24·8	136	84	58·4	38·4	47·1	8·39	0·41	1·04
EDS - - -	21,572	298,189	13·8	227	119	55·0	38·0	46·3	7·95	0·25	0·63
HEFFIELD - - -	19,651	282,130	14·4	229	83	55·0	36·5	46·3	7·95	0·25	0·63
ULL - - -	3,635	140,002	38·5	127	50	56·0	35·0	44·1	6·73	0·31	0·79
UNDERLAND - - -	3,306	110,382	33·4	71	37	56·0	37·0	46·4	8·00	0·70	1·78
WCASTLE-ON-TYNE	5,371	142,231	26·5	119	71	-	-	-	-	-	-
INBURGH - - -	4,191	218,729	52·2	135	87	54·5	34·0	43·2	6·22	0·85	2·16
ASGOW - - -	6,033	555,933	92·1	357	278	-	-	-	-	-	-
BLIN - - -	10,050	314,666	31·3	144	158	58·6	33·0	47·3	8·50	0·63	1·60

For names of the Meteorological Observers in the several towns, see note at foot of Table 4.
The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by the addition of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,055,612 persons, and in DUBLIN, during the Week ending Saturday the 17th day of February 1877.

of 7,055,612 persons, and in DUBLIN, during the week ending 11th April 1903.			The DEATHS registered in the Week include													
BOROUGHES, &c.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.	
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.			
Municipal Boundaries, except for LONDON and DUBLIN.)																
In 20 TOWNS -	22·3	2·6	3012	681	651	95	34	54	13	69	59	23	104	177	487	
LONDON - - -	21·6	2·8	1462	334	327	72	18	19	6	38	18	16	45	83	275	
BRIGHTON - - -	15·8	0·0	31	9	8	-	-	-	-	-	-	-	4	5	3	
PORTSMOUTH - - -	14·8	0·8	36	8	9	-	-	-	1	-	1	-	4	5	4	
WORWICH - - -	17·4	2·5	28	7	11	-	2	2	-	-	-	-	1	2	4	
PLYMOUTH - - -	21·5	1·4	30	6	10	-	-	2	-	-	-	-	1	3	4	
BRISTOL - - -	18·8	1·3	73	14	20	-	-	-	-	-	4	1	1	2	6	
SOLVERHAMPTON - -	22·7	3·6	32	4	7	-	-	2	-	-	1	2	1	1	8	
BIRMINGHAM - - -	23·1	2·6	167	37	42	1	3	4	1	5	4	1	8	13	27	
CEICESTER - - -	22·2	3·6	50	16	12	-	2	1	1	1	2	1	3	4	6	
NOTTINGHAM - - -	23·1	1·7	42	8	16	-	1	-	-	1	1	-	-	2	3	
LIVERPOOL - - -	27·9	4·2	282	59	49	15	-	5	1	6	12	3	14	16	56	
MANCHESTER - - -	26·7	3·5	184	34	37	2	5	5	2	6	4	-	8	16	36	
SALFORD - - -	32·2	6·7	87	11	18	5	2	2	1	2	5	1	3	2	9	
OLDHAM - - -	34·3	2·3	59	16	11	-	-	3	-	1	-	-	-	-	5	
RADFORD - - -	24·4	1·2	84	15	7	-	-	-	-	2	1	1	-	-	5	
LEEDS - - -	20·8	1·6	119	32	25	-	1	3	-	1	4	-	3	11	14	
SHEFFIELD - - -	16·3	1·1	88	23	14	-	-	2	-	2	1	1	1	2	3	
SULL - - -	18·6	1·5	50	18	9	-	-	-	-	3	1	-	3	3	6	
SUNDERLAND - - -	17·5	2·4	37	14	3	-	-	4	-	1	-	-	2	2	4	
NEWCASTLE-ON-TYNE	26·1	0·4	71	16	16	-	-	-	-	-	-	1	2	5	9	
DUBLIN - - -	26·2	2·8	158	23	45	5	1	1	3	-	4	3	7	6	48	

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the SEVENTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2430	2352	2401	2256	2363	2363	2481	2476	2586	2475	2398·3	2476
Males . .	1244	1238	1209	1156	1249	1255	1244	1232	1247	1246	1232·0	1299
Females .	1186	1114	1192	1100	1114	1108	1237	1244	1139	1229	1166·3	1177
TOTAL Deaths	1389	1307	1491	1716	1625	1320	1620	1616	1801	2005	1589·0	1462
Males . .	706	678	788	906	825	685	799	830	921	998	813·6	721
Females .	683	629	703	810	800	635	821	786	880	1007	775·4	741

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867-76, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Nov. 25.	Dec. 2.	Dec. 9.	Dec. 16.	Dec. 23.	Dec. 30.	Jan. 6.	Jan. 13.	Jan. 20.	Jan. 27.	Feb. 3.	Feb. 10.	Feb. 17.
TOTAL Deaths - - -	1504	1558	1446	1443	1456	1510	1507	1358	1491	1425	1528	1504	1462
0—20 - - -	699	717	626	678	626	713	673	565	693	636	673	648	653
20—40 - - -	220	212	232	221	256	183	229	218	244	226	214	215	234
40—60 - - -	238	286	256	242	256	274	277	261	258	254	292	262	248
60—80 - - -	276	287	278	247	272	280	278	265	217	251	289	317	263
at 80 years & upwds.	71	56	54	55	46	60	50	49	79	58	60	62	64
Deaths of { Under 1 year -	361	384	324	351	313	357	340	263	367	331	337	317	334
children { 1—5 - - -	225	205	195	238	217	254	222	202	219	209	241	212	215
{ 5—20 - - -	113	128	107	89	96	102	111	100	107	96	95	119	104
Deaths from 7 principal Zymotic Diseases {	184	219	197	236	237	235	253	214	210	204	231	207	187
" " Small-pox - - -	43	67	50	75	97	75	116	100	79	86	103	90	72
" " Measles - - -	27	31	24	31	30	40	28	24	17	22	22	21	18
" " Scarlet fever - -	42	41	42	54	37	29	25	23	42	21	23	14	19
" " Diphtheria - - -	10	9	8	6	8	9	12	4	5	3	4	7	6
" " Whooping-cough -	23	25	28	23	23	34	32	25	31	40	41	44	38
" " Typhus fever - - -	3	2	-	3	5	5	3	3	5	4	5	2	7
" " Enteric (or Typhoid) fever -	25	21	24	21	15	16	14	17	10	14	14	11	9
" " Simple Contag fever -	4	7	6	4	5	6	5	2	3	3	1	7	2
" " Diarrhoea - - -	7	16	15	19	17	21	18	16	18	11	18	11	16
" " Simple Cholera - -	-	-	-	-	-	1	1	-	-	-	-	-	-
" " Dis. of Respiratory Organs -	438	411	315	282	305	352	298	291	290	304	375	381	355
" " Phthisis - - -	176	154	150	170	163	149	134	139	166	147	156	173	166
" " Heart Diseases - -	67	95	94	87	78	91	101	75	81	96	95	101	96
Violent Deaths - - -	50	55	60	50	54	71	89	51	55	52	45	51	45
Inquest Cases - - -	90	98	104	97	93	123	170	96	101	91	95	111	83
Deaths in Public Institutions	258	300	307	292	297	293	335	297	316	283	319	317	275
TEMPERATURE OF THE AIR:													
Mean - - -	43·6	46·0	47·5	42·5	39·9	43·3	46·8	41·5	45·5	39·0	43·0	46·3	46·4
Mean of Highest readings -	47·5	51·1	51·0	45·5	44·0	46·9	50·9	46·2	49·8	46·8	48·7	52·2	51·8
Mean of Lowest readings -	40·3	40·6	44·3	38·8	35·8	39·0	42·0	37·4	39·7	30·7	36·7	40·5	42·2
Mean Temperature of the Water of the Thames -	47·2	45·4	46·9	43·2	42·7	38·5	44·9	44·6	42·7	43·2	41·0	44·1	47·5
Humidity of the Air - - -	85	88	88	89	92	92	87	90	90	87	84	85	82
Rain-fall in inches - - -	0·30	1·69	1·40	0·24	2·19	1·23	1·34	1·96	0·39	0·40	0·42	0·06	0·78

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; P. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Pilliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the SEVENTH Week of the Year 1877.

CAUSES OF DEATH.	Average in the Seventh Weeks of the 10 years 1867-76.*	In the Week ending Saturday, February 17, 1877.								CAUSES OF DEATH.	Average in the Seventh Weeks of the 10 years 1867-76.*	In the Week ending Saturday, February 17, 1877.*							
		Deaths of Persons of the Ages										Deaths of Persons of the Ages							
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
			Mean Tem.	0- 1.	1- 5.								5- 20.	Mean Tem.	0- 1.					1- 5.	5- 20.
Temperature -	40.8	46.4	0	1	5	20	40	60	80	Mean Temperature -	40.8	46.4	0	1	5	20	40	60	80
CAUSES -	1589.0	1462	334	215	104	234	248	263	64	9. Stricture of Intestines	.8	2	-	-	-	1	-	1	-
CAUSED CAUSES	1577.2	1461	333	215	104	234	248	263	64	10. Fistula -	.3	-	-	-	-	-	-	-	-
CAUSED DISEASES.										11. Stomach Disease, &c. -	7.1	5	2	-	-	1	1	1	-
ORDER 1.										12. Pancreas Disease, &c. -	-	-	-	-	-	-	-	-	-
1. Diphtheria -	34.1	72	10	9	19	27	6	1	-	13. Hepatitis -	4.0	3	-	-	-	-	2	-	1
2. Measles -	23.3	18	6	12	-	-	-	-	-	14. Jaundice -	3.6	3	2	-	-	-	-	1	1
3. Scarlet Fever -	36.5	19	2	9	6	2	-	-	-	15. Liver Disease, &c. -	16.9	31	-	1	1	6	12	9	2
4. Typhoid Fever -	8.1	6	1	2	3	-	-	-	-	16. Spleen Disease, &c. -	.5	2	1	-	-	-	1	-	-
5. Typhus -	.6	1	1	-	-	-	-	-	-	ORDER 5.									
6. Whooping-cough -	71.8	38	15	22	1	-	-	-	-	1. Nephritis -	3.4	6	-	-	1	3	2	-	-
7. Erysipelas -	18.6	13	-	11	2	-	-	-	-	2. Ischuria -	.4	-	-	-	-	-	-	-	-
8. Erysipelas or Typhoid Fev. -	36.8	9	-	1	4	3	1	-	-	3. Bright's Dis. (Nephria) -	12.2	12	-	-	3	6	3	-	-
9. Erysipelas continued Fev. -	8.1	4	1	-	-	1	1	1	1	4. Diabetes -	3.0	3	-	1	-	-	2	-	-
10. Erysipelas (Metria) -	4.6	3	-	-	-	3	-	-	-	5. Calculus (Stone) -	.9	-	-	-	-	-	-	-	-
11. Erysipelas (Uncle) -	.8	-	-	-	-	-	-	-	-	6. Cystitis -	1.2	-	-	-	-	-	-	-	-
12. Erysipelas (Enza) -	.5	-	-	-	-	-	-	-	-	7. Kidney Disease, &c. -	8.7	7	-	-	-	2	3	2	-
13. Erysipelas (Antery) -	1.2	16	9	2	-	-	1	3	1	ORDER 6.									
14. Erysipelas (Cholera) -	.2	-	-	-	-	-	-	-	-	1. Ovarian Dropsy -	.3	-	-	-	-	-	-	-	-
15. Erysipelas (Stent Fever) -	.1	-	-	-	-	-	-	-	-	2. Uterus Disease, &c. -	3.5	6	-	-	-	3	2	1	-
16. Erysipelas (Matism) -	10.1	11	-	-	4	2	1	4	-	ORDER 7.									
17. Zymotic Diseases -	.5	-	-	-	-	-	-	-	-	1. Synovitis (Arthritis) -	.4	1	-	1	-	-	-	-	-
ORDER 2.										2. Joint Disease, &c. -	6.6	2	-	-	2	-	-	-	-
1. Erysipelas -	10.3	8	5	-	-	1	2	-	-	ORDER 8.									
2. Erysipelas of Urethra -	1.0	2	-	-	-	1	-	1	-	1. Phlegmon -	4.0	3	1	-	-	2	-	-	-
3. Erysipelas (Phobia) -	-	-	-	-	-	-	-	-	-	2. Ulcer -	1.6	2	-	-	-	-	-	2	-
4. Erysipelas (Erys) -	-	-	-	-	-	-	-	-	-	3. Skin Disease, &c. -	1.5	2	1	-	-	1	-	-	-
ORDER 3.										IV. DEVELOPMENTAL DISEASES.									
1. Erysipelas -	.6	-	-	-	-	-	-	-	-	ORDER 1.									
2. Erysipelas of Breast-milk -	9.1	9	9	-	-	-	-	-	-	1. Premature Birth -	22.2	15	15	-	-	-	-	-	-
3. Erysipelas (Scurvy) -	2.6	5	1	1	-	1	2	-	-	2. Cyanosis -	2.4	2	2	-	-	-	-	-	-
4. Erysipelas (Del. Tremens) -	1.9	2	-	-	-	-	2	-	-	3. Spina Bifida -	.7	2	2	-	-	-	-	-	-
5. Erysipelas (Intemperance) -	1.0	-	-	-	-	-	-	-	-	4. Other Malformations -	.9	1	1	-	-	-	-	-	-
ORDER 4.										5. Teething -	17.1	15	11	4	-	-	-	-	-
1. Erysipelas -	3.0	5	5	-	-	-	-	-	-	ORDER 2.									
2. Erysipelas (as, &c.) -	.1	1	1	-	-	-	-	-	-	1. Paramenia -	-	-	-	-	-	-	-	-	-
ORDER 5.										2. Childbirth (see Puer-) peral Fever) -	4.8	5	-	-	-	4	1	-	-
1. Erysipelas -	2.6	9	-	-	-	1	3	5	-	ORDER 3.									
2. Erysipelas -	9.7	1	-	-	-	1	-	-	-	1. Old Age -	59.4	50	-	-	-	-	28	22	-
3. Erysipelas -	30.7	26	-	-	1	6	8	10	1	ORDER 4.									
4. Erysipelas (Mum Oris (Noma)) -	.5	-	-	-	-	-	-	-	-	1. Atrophy and Debility -	64.0	47	38	1	-	-	1	7	-
5. Erysipelas (Mucification) -	2.8	2	-	-	-	-	2	-	-	V. VIOLENT DEATHS, &c.									
ORDER 2.										ORDER 1.									
1. Erysipelas -	10.1	16	2	6	7	-	1	-	-	(ACCIDENT OR NEGLIGENCE.)									
2. Erysipelas (Mesenterica) -	19.6	14	10	4	-	-	-	-	-	1. Fractures & Contusions -	18.9	15	-	-	1	5	4	5	-
3. Erysipelas (Sis) -	177.6	166	3	5	17	87	49	5	-	2. Wounds { Gunshot Cut, Stab } -	.5	1	-	1	-	-	-	-	-
4. Erysipelas (Cephalus) -	30.6	34	14	16	4	-	-	-	-	3. Burns and Scalds -	8.7	6	-	4	1	-	-	-	1
ORDER 3.										4. Poison -	1.4	-	-	-	-	-	-	-	-
1. Erysipelas -	20.4	21	7	8	2	-	3	1	-	5. Drowning -	4.5	6	-	-	-	2	3	1	-
2. Erysipelas -	41.7	43	3	6	3	1	16	12	2	6. Suffocation -	10.4	10	7	1	-	1	1	-	-
3. Erysipelas -	32.9	35	1	-	-	3	12	16	3	7. Otherwise -	3.0	2	1	-	-	-	-	-	-
4. Erysipelas -	2.4	1	-	-	-	-	-	1	-	ORDER 3.									
5. Erysipelas -	.3	-	-	-	-	-	-	-	-	(HOMICIDE.)									
6. Erysipelas -	6.5	3	-	-	1	1	1	-	-	1. Murder & Manslaughter -	1.9	1	1	-	-	-	-	-	-
7. Erysipelas (Disease, &c.) -	57.7	74	58	16	-	-	-	-	-	ORDER 4.									
ORDER 2.										(SUICIDE.)									
1. Erysipelas -	2.2	2	-	1	1	-	-	-	-	1. Wounds { Gunshot Cut, Stab } -	.2	-	-	-	-	-	-	-	-
2. Erysipelas -	1.9	4	-	-	-	2	1	1	-	2. Poison -	1.4	-	-	-	-	-	-	-	-
3. Erysipelas (Disease, &c.) -	80.6	90	-	-	4	21	24	35	6	3. Drowning -	.7	1	-	-	-	1	-	-	-
ORDER 3.										4. Hanging -	.5	1	-	-	-	-	-	-	-
1. Erysipelas -	11.1	14	5	8	-	-	1	-	-	5. Otherwise -	2.0	-	-	-	-	-	-	1	-
2. Erysipelas -	256.4	221	46	35	6	6	40	70	18	ORDER 5.									
3. Erysipelas -	3.7	6	-	1	2	1	2	-	-	(EXECUTION.)									
4. Erysipelas -	8.4	83	23	17	2	15	14	10	2	1. Hanging -	-	-	-	-	-	-	-	-	-
5. Erysipelas (ma) -	20.8	7	1	-	-	-	1	4	1	Violent Deaths (not classed) -	1.3	-	-	-	-	-	-	-	-
6. Erysipelas (Disease, &c.) -	20.0	24	4	5	4	3	3	5	-	Sudden Deaths (Cause unascertained) -	1.1	1	1	-	-	-	-	-	-
ORDER 4.										Causes not specified or ill-defined -	10.7	-	-	-	-	-	-	-	-
1. Erysipelas -	2.1	2	1	1	-	-	-	-	-										
2. Erysipelas -	5.1	3	1	-	1	-	-	1	-										
3. Erysipelas -	5.5	5	1	-	1	1	1	1	-										
4. Erysipelas -	1.9	3	-	-	-	2	1	-	-										
5. Erysipelas -	2.6	3	-	-	-	1	1	1	-										
6. Erysipelas -	4.0	4	-	-	-	-	2	2	-										
7. Erysipelas -	4.4	5	1	-	-	2	1	1	-										
8. Erysipelas -	.8	1	-	-	1	-	-	-	-										

The averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1877.

Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.		Enu- mer- ated Popu- lation, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													Inquest Cases.
					Deaths of		Deaths from											
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.		
LONDON		3,254,260	2476	1462	334	327	72	18	19	6	38	7	9	2	16	45	83	
WEST DISTRICTS.																		
St. Mary Paddington WH		58728	45	25	7	2	-	1	-	-	1	-	-	-	-	-	2	
St. John Paddington H		38085	12	12	2	1	-	-	-	-	-	-	-	-	-	1	2	
Kensington Town W		91645	72	35	11	9	3	-	-	-	-	-	2	-	-	-	2	
Brompton H		28654	17	17	3	4	-	-	-	-	-	-	-	-	1	2	3	
St. Peter Hammersmith		6662	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
St. Paul Hammersmith H		36029	28	13	3	4	-	-	-	-	1	-	-	-	-	2	2	
Fulham WH		23350	26	15	7	4	-	-	1	1	1	-	-	-	-	-	-	
Chelsea South HHH		26420	16	11	5	-	-	1	-	-	-	-	-	-	-	1	1	
Chelsea North-west WHHHH		22926	20	13	3	2	1	1	-	-	-	1	-	-	-	-	2	
Chelsea North-east		21392	21	8	4	-	-	-	-	-	-	-	-	-	-	-	-	
Hanover Square H		18698	7	4	-	2	-	-	-	-	-	-	-	-	-	-	-	
May Fair WW		13358	4	5	-	4	-	-	-	-	-	-	-	-	1	-	-	
Belgrave HH		57972	26	27	2	9	-	-	-	-	-	-	1	1	-	-	-	
St. John Westminster HH		38478	26	10	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Margaret Westminster WH		27781	9	15	4	5	-	-	-	-	-	-	-	-	1	-	-	
Golden Square WH		12860	5	5	1	-	-	-	-	-	-	-	-	-	-	-	-	
Berwick-street H		20759	8	10	1	3	-	-	-	-	-	-	-	-	-	-	1	
St. Anne Soho HHHHH		17562	13	11	1	4	-	-	-	-	-	-	-	-	-	-	-	
NORTH DISTRICTS.																		
All Souls Marylebone HHHH		28579	18	12	2	4	-	-	-	-	1	-	-	-	-	-	1	
Cavendish Square HH		15425	5	6	3	2	-	-	-	-	-	-	-	-	1	-	-	
Rectory Marylebone WH		26384	14	13	1	6	-	-	-	-	-	1	-	-	-	-	-	
St. Mary Marylebone HHH		21786	12	12	3	4	-	1	-	-	-	-	-	-	-	-	-	
Christchurch Marylebone H		33944	22	8	3	-	1	-	-	-	1	-	-	-	-	-	-	
St. John Marylebone H		33186	15	15	2	7	-	-	-	-	1	-	-	-	-	1	2	
Hampstead WvHH		32281	17	18	2	4	11	-	-	-	-	-	-	-	-	-	-	
Regent's Park Pancras H		38200	26	18	5	3	-	-	-	-	1	-	-	-	1	1	2	
Tottenham-court vHHH		29370	16	21	3	3	-	-	-	-	-	-	-	-	-	2	4	
Gray's Inn Lane HH		29221	19	12	6	3	-	-	-	-	-	-	-	-	-	-	2	
Somers Town		38533	27	15	3	3	-	-	-	-	-	1	-	-	-	1	2	
Camden Town W		17943	14	5	-	3	-	-	-	-	-	-	-	-	-	3	3	
Kentish Town w		68198	56	40	9	13	-	-	-	-	1	-	-	-	-	-	-	
Islington West HHH		97820	69	43	11	8	5	-	2	-	1	-	-	-	-	1	2	
Islington East WvvhH		115958	104	67	16	26	-	-	2	1	-	-	-	-	1	-	2	
Stoke Newington H		9841	10	6	-	2	-	-	-	-	-	-	-	-	-	-	-	
Stamford Hill		6598	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
West Hackney		28069	23	9	3	-	-	-	-	-	1	-	-	-	-	-	1	
Hackney WvvhH		50104	42	43	4	7	10	-	-	-	2	-	-	-	1	2	6	
South Hackney		30339	26	6	1	1	-	-	1	-	-	-	-	-	-	-	-	
CENTRAL DISTRICTS.																		
St. George Bloomsbury		17853	5	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
St. Giles South WH		19109	17	14	4	2	-	-	-	-	-	-	-	-	-	1	2	
St. Giles North		16594	12	5	1	1	-	1	-	-	-	-	-	-	-	-	-	
Long Acre		11379	8	5	1	1	-	-	-	-	-	-	-	-	-	-	-	
Charing Cross HH		9859	4	3	-	-	-	-	-	-	-	-	-	-	-	1	1	
St. Mary-le-Strand		9378	6	3	-	1	-	-	-	-	-	-	-	1	-	-	-	
St. Clement Danes H		10723	4	8	1	1	-	-	-	-	-	-	-	-	-	-	-	
St. George-the-Martyr HHHHH		20521	10	9	3	3	-	-	-	-	1	-	-	-	-	-	-	
St. Andrew Eastern W		13529	11	7	1	2	-	-	-	-	-	-	-	-	-	-	-	
Saffron Hill H		9066	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. James Clerkenwell W		18917	17	9	3	-	-	-	-	-	-	-	-	-	-	-	-	
Amwell Clerkenwell		16884	8	4	3	1	-	-	-	-	2	-	-	-	1	-	-	
Pentonville		13337	9	4	2	-	-	-	-	-	1	-	-	-	-	-	-	
Goswell-street		16242	8	5	1	2	-	-	-	-	-	-	-	-	-	-	-	
Old-street H		12161	9	3	2	-	-	-	-	-	-	-	-	-	-	-	-	
City-road HHE		18301	24	8	4	-	-	-	-	-	1	-	-	-	-	-	-	
Whitecross-street		13792	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Finsbury		10741	5	2	-	-	-	-	1	1	-	-	-	-	-	-	-	
St. Botolph East London H		14540	5	6	-	3	-	-	-	-	-	-	-	-	-	-	-	
Cripplegate		13638	6	3	1	1	-	-	-	-	-	-	-	-	-	-	-	
St. Sepulchre H		7562	3	8	-	2	-	-	-	-	-	-	-	-	-	1	2	
St. Bride W		11185	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Castle Baynard		4426	-	2	-	-	-	-	-	-	-	-	-	-	-	2	2	
Christchurch		6270	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
Queenhithe		4753	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Allhallows Barking		5764	3	4	-	1	-	-	-	-	-	-	-	-	-	1	1	
Broad Street H		7845	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see at the foot of next page.

R, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
day, 17th February 1877.

REGISTRATION SUB-DISTRICTS.		Enu- me- rated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
					Deaths of		Deaths from											
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																		
Well Shoreditch	-	12430	9	3	-	1	1	-	-	-	-	-	-	-	-	-	1	-
Leonard Shoreditch	HL†	16545	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
on New Town	w	27835	14	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-
on Old Town	-	26933	21	10	3	1	1	-	-	-	-	-	-	-	-	-	-	-
erston West	W	24162	25	11	4	3	-	-	-	-	1	-	-	-	-	-	-	4
erston East	H	19259	20	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
ney-road	-	29822	25	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-
a, Bethnal Green	WHL†	42433	23	25	6	5	1	-	2	-	-	-	-	-	-	-	-	-
ch, Bethnal Green	-	26577	22	5	2	2	-	-	-	-	-	-	-	-	-	-	-	9
e, Bethnal Green	-	21272	12	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-
fields	H	22499	25	8	3	2	-	1	1	-	-	-	-	-	-	-	-	-
End New Town	W	15550	17	3	-	-	-	-	-	-	-	-	-	-	-	-	-	2
echapel North	-	11597	15	6	2	-	-	-	-	-	1	-	-	-	-	-	-	-
echapel Church	H	7322	3	16	1	3	1	-	-	-	-	-	-	-	1	2	13	
man's Fields	-	10381	12	5	3	1	-	-	-	-	-	-	-	-	-	1	-	-
te	-	9224	6	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-
ary St. George East	-	17900	17	4	2	-	-	-	-	-	-	-	-	-	-	-	1	-
aul St. George East	-	21350	11	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ohn St. George East	W	8802	8	9	2	4	-	-	-	-	-	-	-	-	1	-	-	7
well	-	11640	5	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
iff	H	16131	9	7	1	-	1	-	-	-	1	-	-	-	-	1	2	2
house	W	29919	24	17	7	-	1	1	-	-	1	-	-	-	-	1	2	-
End Old Town Western	-	38128	33	20	3	6	-	-	1	-	2	-	-	-	1	-	1	-
End Old Town Eastern	Wuch	55024	51	27	6	9	-	1	-	-	2	-	1	-	-	-	-	6
www	HL†	67765	63	57	7	8	8	-	1	-	3	-	-	-	1	2	3	12
r	WW	48611	48	14	5	-	3	-	1	-	1	-	-	-	-	-	-	-
SOUTH DISTRICTS.																		
church Southwark	WH	14573	15	8	1	2	-	1	-	-	-	-	-	-	-	-	-	1
aviour Southwark	H	15677	11	8	2	-	-	2	-	-	-	-	-	-	-	-	-	-
-road	-	20421	17	7	3	2	-	1	-	-	-	-	-	-	1	1	-	-
agh-road	WH	16695	15	10	1	4	-	-	-	-	-	-	-	-	1	1	3	2
on-road	HL	18961	12	9	1	1	-	-	-	-	1	-	-	-	-	1	1	2
ty Newington	-	23682	23	13	3	5	-	1	-	-	-	-	-	-	-	-	-	-
eter Walworth	W	48248	67	28	8	7	2	1	1	-	-	-	-	-	1	-	-	7
ary Newington	-	16792	7	7	-	1	1	-	-	-	1	-	-	-	-	-	-	-
ave Southwark	H	4373	1	5	-	-	-	-	-	-	-	-	-	-	-	2	2	5
ohn Horsleydown	W	10500	6	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
er Market	-	16787	17	8	-	-	-	-	-	1	-	-	-	-	-	-	1	-
ary Magdalen	W	15709	11	7	2	4	-	-	-	-	-	-	-	-	1	1	1	4
ames Bermondsey	-	47933	42	11	3	1	2	-	-	-	-	-	-	-	-	-	-	-
erhithe	W	27096	21	20	5	4	2	2	-	-	2	-	-	-	-	2	2	2
arlooo-road 1st	H	14074	16	8	2	1	-	-	-	-	-	-	-	-	-	1	1	1
arlooo-road 2nd	H	18465	16	9	2	1	1	-	-	-	1	-	-	-	-	-	-	-
eth Church 1st	H	19492	22	8	2	1	-	-	1	-	-	-	1	-	-	-	-	2
eth Church 2nd	WW	35833	39	21	5	4	-	1	-	-	-	-	-	-	-	-	-	10
ington 1st	-	41286	26	19	10	4	-	-	-	-	-	-	1	-	2	1	1	-
ington 2nd	-	31221	22	10	3	2	1	-	-	-	1	-	-	-	-	-	-	-
on w	-	35435	38	33	6	6	8	1	-	-	-	3	1	-	-	-	-	12
ood	W	12536	11	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
nam	H	27347	20	10	3	4	2	-	-	-	-	-	-	-	-	-	1	-
ersen	Ww	54016	75	29	10	2	2	-	1	-	1	-	-	-	-	1	-	1
dswoth	HL	19783	12	13	3	3	-	-	-	-	-	-	-	-	-	-	-	7
ey	-	9439	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
atham	-	14475	11	4	-	1	-	-	-	-	-	1	-	-	-	-	-	-
rich	-	4041	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
erwell	WL†L†	31254	26	12	3	7	-	-	-	-	-	-	1	-	-	-	-	2
atham	W	42160	45	20	5	3	-	-	-	-	-	-	-	-	-	2	2	-
George Camberwell	-	38851	37	14	5	6	1	-	-	-	1	-	-	-	-	-	1	-
aul Deptford	-	58714	42	20	6	4	-	-	1	1	-	-	-	-	-	1	1	-
nicholas Deptford	-	6474	5	3	1	-	-	-	-	-	-	-	1	-	-	-	-	-
awich West	-	21034	14	8	2	3	-	-	-	-	-	-	-	-	1	-	-	-
awich East	WH	19878	12	8	1	2	-	-	-	-	-	-	-	-	-	1	1	6
am	H	4539	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
atham Village	WH	16440	7	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
atham	H	11513	9	4	1	1	-	-	-	1	-	-	-	-	-	-	-	-
		19065	11	11	3	2	-	-	-	-	-	-	-	-	-	-	-	-
ilton	H	9564	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
wich Dockyard	-	17226	13	8	2	2	1	-	-	-	-	-	-	-	-	-	-	-
wich Arsenal	WHH	18331	15	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-
instead West	-	13027	6	8	1	4	-	-	-	-	-	-	-	-	-	-	-	-
instead East	W	15232	20	7	-	2	1	-	-	-	-	-	-	-	1	1	-	2

following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by *w*:-

Central London Sick Asylum in Tottenham-court sub-district.
Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Colborn Infirmary
London City Workhouse " Hackney sub-district.
Colborn " Hoxton New Town sub-district.
Whitechapel " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and
Bow sub-district.
Stepney " Bow sub-district.
Poplar & Stepney Sick Asylum
Westminster Union Industrial School in Battersea sub-district.
Small-pox and Fever Hospitals in Hampstead, Hackney, and Brixton
sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 17th February 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enume- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
						Deaths of		Deaths from											
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.				
	LONDON—OUTER RING	368,414	631,381	473	242	55	63	10	3	6	3	3	2	1	5	9	26		
29: 1	Carshalton W - - -	12228	13523	7	4	-	2	-	-	-	-	-	-	-	-	-	-		
2	Epsom (part of) * WH -	9971	9145	5	1	-	1	-	-	-	-	-	-	-	-	-	-		
36: 1	Godstone (part of) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
37: 1	Croydon WWH - - -	20851	71319	51	24	4	6	1	1	-	3	1	-	-	-	-	3		
2	Mitcham WH - - -	11697	12534	8	2	-	2	-	-	-	-	-	-	-	-	-	-		
38: 1	Wimbledon HH - - -	3220	9087	7	3	-	-	-	-	1	-	-	1	-	-	-	-		
2	Kingston WH - - -	8549	27489	20	11	2	2	-	-	1	-	1	-	-	1	1	-		
3	Esher (part of) * - - -	6601	7353	4	3	-	2	-	-	-	-	-	-	-	-	-	-		
4	Hampton - - -	4573	10185	8	5	2	1	-	-	-	-	-	1	1	-	1	-		
39: 1	Richmond WH - - -	2271	16829	10	5	2	1	-	-	-	-	-	-	-	-	-	1		
2	Mortlake - - -	2961	9316	8	2	-	1	-	-	1	-	-	-	-	-	-	-		
40: 1	Bromley (part of) * HH -	15669	19509	16	11	5	3	-	-	-	-	-	-	-	-	-	-		
2	Chislehurst (part of) * W -	13665	10028	6	2	-	-	-	-	-	-	-	-	-	-	-	-		
41: 1	Bexley H - - -	13439	19566	16	6	1	1	1	1	-	-	-	-	-	-	-	-		
123: 1	Sunbury W - - -	11055	9860	6	6	4	2	-	-	-	-	-	-	-	-	-	-		
2	Staines W - - -	13277	10339	9	7	1	2	-	-	-	-	-	-	-	-	-	-		
124: 1	Hillingdon WH - - -	6029	9712	4	4	1	3	-	-	-	-	-	-	-	-	-	1		
2	Uxbridge - - -	6178	5329	2	3	1	-	-	-	-	-	-	-	-	-	1	-		
3	Hayes WL - - -	14587	10497	3	2	-	-	-	-	1	-	-	-	-	-	-	1		
125: 1	Isleworth W - - -	7008	19930	11	6	1	1	-	-	-	-	-	-	-	-	-	2		
2	Twickenham - - -	2477	10533	8	7	2	3	-	-	-	-	-	-	-	-	-	-		
3	Brentford HL - - -	4370	20279	6	4	1	1	-	-	-	-	-	-	-	-	1	-		
4	Chiswick - - -	1311	8508	8	1	1	-	-	-	-	-	-	-	-	-	-	-		
5	Acton WH - - -	6087	12683	20	2	-	-	1	-	-	-	-	-	-	-	-	-		
126: 1	Harrow H - - -	13809	10869	4	4	1	1	-	-	-	-	-	-	-	-	-	-		
2	Edgware - - -	6994	3450	2	1	-	1	-	-	-	-	-	-	-	-	-	-		
3	Willesden - - -	4383	15869	15	3	1	-	-	-	-	-	-	-	-	-	1	-		
4	Hendon WH - - -	8382	6972	12	1	1	-	-	-	-	-	-	-	-	-	-	-		
127: 1	South Mimms - - -	15419	5924	2	2	-	2	-	-	-	-	-	-	-	-	-	-		
2	Barnet W - - -	5423	7752	7	4	1	1	-	-	-	-	-	-	-	-	-	-		
3	Finchley L - - -	4688	11493	2	12	1	4	-	-	-	-	-	-	-	-	-	10		
128: 1	Hornsey H - - -	3039	19357	12	6	1	1	1	1	-	-	-	-	-	-	-	-		
2	Tottenham H - - -	4642	22869	27	9	2	2	-	-	-	-	-	-	-	1	1	1		
3	Edmonton WW - - -	7483	13860	12	9	-	3	2	-	-	-	-	-	-	-	-	5		
4	Enfield WH - - -	12653	16054	3	7	2	-	-	-	-	-	-	-	-	-	-	1		
5	Waltham Abbey - - -	11017	5197	2	2	-	1	-	-	-	-	-	-	-	-	-	-		
6	Cheshunt - - -	8493	7518	7	1	-	1	-	-	-	-	-	-	-	-	-	-		
124: 1	Hatfield (part of) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
136: 1	Bushey - - -	9028	6472	9	2	1	-	-	-	-	-	-	-	-	-	-	-		
185: 1	Stratford - - -	882	23286	31	10	4	2	-	-	-	-	-	-	-	1	1	-		
2	West Ham WWWW - - -	7345	44642	49	25	7	2	3	-	-	-	1	-	-	1	1	-		
3	Leyton WW - - -	4274	15513	8	10	1	3	-	-	1	-	-	-	-	1	1	1		
4	Walthamstow H - - -	6619	15701	7	3	-	3	-	-	-	-	-	-	-	-	-	-		
186: 1	Chigwell (part of) * H -	10483	8169	3	3	-	2	-	-	-	-	-	-	-	-	-	-		
188: 1	Romford (part of) * - -	6730	2879	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Ilford - - -	8492	5947	7	3	2	-	1	-	1	-	-	-	-	-	-	-		
3	Barking Town - - -	4123	6576	6	4	2	-	-	-	-	-	-	-	-	-	-	-		

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:—
 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 124: 1, only the parish of Northaw in Hatfield sub-district; 186: 1, the whole of the Chigwell sub-district, except the parish of Tholdon-Boll (pop. 798); 188: 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 17th February 1877.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
						Deaths of		Deaths from									Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.		
EATER LONDON	446,494	4,367,547	20·4	2·6	1704	389	390	82	21	25	9	41	20	17	50	301	
INNER LONDON -	78,080	3,533,484	21·6	2·8	1462	334	327	72	18	19	6	38	18	16	45	275	
OUTER RING -	368,414	834,063	15·1	1·8	242	55	63	10	3	6	3	3	2	1	5	26	

NOTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 7·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 26 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	January 13	-	289	35·1	Fevers 64; cholera 57.
BOMBAY - -	644,405	" 9	-	461	37·3	Small-pox 4.
MADRAS - -	397,552	" 5	-	722	94·8	Cholera 250; diarrhoea 101.
PARIS - - -	1,851,792	February 15	-	961	27·1	Typhoid fever 35; small-pox 5.
GENEVA* - -	67,829	" 10	25	36	27·7	Fevers 2.
BRUSSELS - -	188,609	" 10	136	88	24·3	Small-pox 8.
AMSTERDAM -	289,981	" 3	231	172	30·9	Croup 6.
ROTTERDAM -	136,231	" 3	110	79	30·3	—
THE HAGUE -	104,095	" 3	85	53	26·6	—
COPENHAGEN -	215,000	" 6	182	101	24·5	Whooping-cough 4.
STOCKHOLM -	141,305	" 3	-	89	32·2	Scarlet fever 4.
CHRISTIANIA -	79,000	" 10	76	34	22·5	Measles 2.
BERLIN - -	980,000	January 27	842	428	22·8	Scarlet fever 11; diphtheria 12.
HAMBURG (State)	388,618	" 27	257	193	25·9	Whooping-cough 2.
BRESLAU - -	246,813	February 3	208	148	31·3	—
MUNICH - -	209,000	" 10	-	129	32·2	Diphtheria and croup 7.
VIENNA - -	714,548	" 10	551	366	26·7	Diphtheria 25; small-pox 22.
BUDA-PESTH -	315,401	" 3	271	256	42·3	Diphtheria 5; small-pox 3.
ROME - - -	262,428	January 14	-	-	-	—
NAPLES - -	454,948	February 4	-	-	-	—
TURIN - - -	223,438	" 3	136	100	23·3	Typhoid fever and typhus 12.
ALEXANDRIA -	212,034	" 3	186	201	49·5	Whooping-cough 10.
NEW YORK - -	1,069,370	January 27	-	441	21·5	Scarlet fever 25; diphtheria 18.
BROOKLYN - -	527,830	" 27	-	196	19·4	Diphtheria 24.
PHILADELPHIA -	850,856	" 27	-	272	16·7	Typhoid fever 10; small-pox 9.
BOSTON - -	352,000	" 27	-	123	18·2	Scarlet fever 7; diphtheria 6.

* With suburbs, including Genf, Plain-palais, and Eaux-Vives.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 17th FEBRUARY, 1877.

[Under the Superintendence of the Astronomer Royal.]

1877. MONTH AND DAY.	MOON.	READINGS OF THERMOMETERS.										DIFFERENCE				WIND.						RAIN.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
		Phases of Moon.	Baro- meter.	Dry			Dew Point.	Highest in the sun, as shown by a self-regis- tering Thermo- meter with blackened bulb in vacuo, placed on the grass.	Lowest on the grass, as shown by a self-regis- tering Thermo- meters.	In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between Dew Point Temperature and Air Temperature.		Between mean tem- perature of the day and mean tem- perature of the same day on an average of 60 years.*	Degree of Hu- midity, complete Satura- tion being repre- sented by 100.	As deduced from Anemometers.				Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				High- est.	Low- est.	Range in day.				Mean daily value.	Mean daily value.	Least.	General Direction.			Pressure on square foot.		Amount of Horizontal Movement of Air each day.	Depart- ure from Average of 16 years.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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DATE.	Electricity.		Sun above Horizon, in hours.		Registered Sunshine, in hours.		Sun above Horizon, in hours.		Sky and Atmosphere.	
FEBRUARY.										
SUNDAY .	11	..	5.3	9.7	5.3	9.7	9.7	9.7	Rain fell in the early morning hours; fine afterwards and partially cloudy till evening; cloudless at night.	
MONDAY .	12	..	0.0	9.8	0.0	9.8	9.8	9.8	Overcast with occasional rain till afternoon; fine and partially cloudy afterwards.	
TUESDAY .	13	..	0.0	9.8	0.0	9.8	9.8	9.8	Overcast. Rain fell throughout the afternoon and evening.	
WEDNESDAY	14	..	0.0	9.9	0.0	9.9	9.9	9.9	Overcast. Rain fell in the early morning hours.	
THURSDAY .	15	..	0.0	9.9	0.0	9.9	9.9	9.9	Overcast till evening, partially cloudy at night.	
FRIDAY .	16	..	3.5	10.0	3.5	10.0	10.0	10.0	A shower of rain fell in the early morning; fine afterwards and partially cloudy till evening; cloudless at night.	
SATURDAY .	17	..	0.5	10.1	0.5	10.1	10.1	10.1	Fine, generally cloudy.	
..			Sum 9.3	Sum 69.2	Sum 9.3	Sum 69.2	Sum 69.2	Sum 69.2		
No. of Col.			29	30	29	30	30	30		

No electricity was shown throughout the week.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily wet bulb thermometer and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873.

*In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and — "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 29.80 in. at the beginning of the week to 29.64 in. by 9h. A.M. on the 11th; increased to 29.76 in. by 8h. P.M. on the same day; decreased to 29.47 in. by 3h. P.M. on the 12th; increased to 29.86 in. by 9h. P.M. on the 14th; decreased to 29.59 in. by 9h. P.M. on the 15th; and increased to 29.92 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS
OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 8. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, FEBRUARY 24. [Price 1½d.

*General Register Office, Somerset House,
26th February, 1877.*

UNITED KINGDOM.

DURING last week 5875 *births* and 3552 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2323. The mortality from all causes was at the average rate of 23 deaths annually in every 1000 persons living. The annual death-rate was 20 per 1000 in Edinburgh, 26 in Glasgow, and 27 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow :—Portsmouth 15, Nottingham 18, Norwich 19, Plymouth 19, Bristol 21, Brighton 21, Birmingham 22, London 22, Leicester 22, Leeds 22, Liverpool 23, Sunderland 23, Sheffield 23, Hull 23, Oldham 23, Salford 23, Bradford 24, Newcastle 25, Manchester 28, and the highest rate 33 in Wolverhampton. The annual death-rate from the seven principal zymotic diseases averaged 3·0 per 1000 in the twenty towns, and ranged from 0·0 in Nottingham and Plymouth, to 5·2 and 5·9 in Oldham and Salford. Scarlet fever showed an increased fatality in Manchester and Leeds. The deaths from small-pox in the twenty towns, which had been 130, 109, and 95 in the three preceding weeks, rose again last week to 118, of which 104 occurred in London, 7 in Liverpool, 6 in Manchester and Salford (exclusive of two fatal municipal cases in the Monsall Hospital), and one in Oldham; no death from this disease was recorded in any of the fifteen other towns.

During the first eight weeks of this year, ending Saturday last, 17 deaths from measles were registered in the Manchester Workhouse at Crumpsall. It is worthy of note that measles was fatally epidemic in this workhouse in 1865, causing 71 deaths; and further, that the disease has been frequently prevalent in recent years, and caused 63 deaths during the four years 1873-6.

LONDON.

In LONDON 2450 BIRTHS and 1495 DEATHS were registered. Allowing for increase of population, the births were 62, and the deaths 221, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the three preceding weeks had been equal to 22·6, 22·2, and 21·6 per 1000, rose again last week to 22·1.

The 1495 deaths included 104 from small-pox, 14 from measles, 16 from scarlet fever, 5 from diphtheria, 38 from whooping-cough, 17 from different forms of fever, and 14 from diarrhoea; thus to the seven principal diseases of the zymotic class 208 deaths were referred, against 207 and 187 in the two preceding weeks. These 208 deaths were 35 below the corrected average number from the same diseases in the corresponding week of the last ten years. The fatal cases of measles, scarlet fever, whooping-cough, and fever, were considerably lower than the corrected weekly average. The 14 deaths from measles included 3 in Clerkenwell; 2 fatal cases of scarlet fever were registered in Fulham. Of the 38 deaths from whooping-cough, 13 occurred in the North and 14 in the East groups of districts; 5 fatal cases were recorded in Mile End Old Town, 4 in Marylebone, 4 in Pancras, and 4 in Islington. The 17 deaths referred to fever were no less than 21 below the corrected average; 2 were certified as typhus, 11 as enteric or typhoid, and 4 as low or simple fever. The two deceased typhus patients had resided in Rotherhithe and Somers Town.

During the past fortnight two fatal cases of puerperal fever have been registered in the British Lying-in Hospital in St. Giles South sub-district.

The deaths from small-pox, which had been 103, 90, and 72 in the three preceding weeks, rose last week to 104, which was, with but one exception, the highest weekly number recorded during the present epidemic; 42 were certified as unvaccinated, 25 as vaccinated. In the remaining 37 cases the medical certificates did not furnish any information as to vaccination, or contained statements that the medical practitioners were unable to certify whether the deceased had or had not been vaccinated. No less than 16 deaths from small-pox, of children aged under five years and certified to be unvaccinated, were registered during the week.

Of the 104 deaths from small-pox 41 occurred in the Metropolitan Asylum Hospitals, 5 in the Highgate Small-pox Hospital, one in the Model Prison at Holloway, and one in the North Street Infirmary (Poplar); the remaining 56, or 54 per cent. of the total cases, occurred in private dwellings. After distributing the hospital cases, it appears that 16 of the deceased small-pox patients had resided in Lambeth, 11 in Bow, 11 in Southwark, 6 in Poplar, 6 in Hackney, and 5 in Marylebone; in all, excluding two hospital cases admitted from suburban London, 6 belonged to the West, 20 to the North, 4 to the Central, 29 to the East, and 43 to the South groups of districts. The largest increase during the week occurred in the North and South Districts, but the disease again showed the greatest proportional fatality in East London, especially in Bow and Poplar.

The Metropolitan Asylum Small Pox Hospitals contained 916 patients on Saturday last, including 112 convalescent cases at Limehouse, against 834, 811, and 901 at the end of the three preceding weeks. The new cases admitted during the week were 205, against 194 and 238 in the two previous weeks.

Different forms of violence caused 54 deaths; 48 were the result of negligence or accident, including 13 from fractures and contusions, 3 from burns and scalds, 6 from drowning, and 14 of infants under one year of age from suffocation. Four deaths were caused by horses or vehicles in the streets. Two deaths were referred to hydrophobia.

GREATER LONDON.

In the Greater London 2957 births and 1728 deaths were registered, equal to annual rates of 35·3 and 20·6 per 1000 of the population. Eight fatal cases of small-pox were registered in the Outer Ring, including 3 in Stratford, and one each in Croydon, Mitcham, Acton, Tottenham, and West Ham sub-districts.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 33, Bombay 37, Madras 107; Paris 27; Geneva 27; Brussels 22; Amsterdam 30, Rotterdam 29, The Hague 24; Copenhagen 28; Stockholm 25; Christiania 27; Berlin 25, Hamburg 23, Breslau 29, Munich 31; Vienna 25, Buda-Pesth 42; Naples 41, Turin 29; Alexandria 47; New York 22, Brooklyn 19, Philadelphia 15, and Boston 19. Cholera caused 369 deaths in the week ending 12th January, against 147 and 250 in the two preceding weeks.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·61 in.; the highest reading was 29·93 in. on Sunday 18th, and the lowest 29·38 in. at the end of the week. The mean temperature of the *air* was 40°·4, and 1°·4 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was above the average on Sunday, Monday, and Saturday, and showed a deficiency on each of the other days of the week; on Sunday the mean was 44°·9 and showed an excess of 6°·1, whereas on Thursday it was 36°·5, and was 2°·6 below the average. The lowest night temperature was 33°·0 on Friday, and the highest day temperature in the shade 50°·5 on Saturday; the extreme range in the week was, therefore, 17°·5. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 89°·9 on Friday. The difference between the mean *dew-point* and *air* temperature averaged 6°·0. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 44°·4. The mean degree of *humidity* of the air was 79, complete saturation being represented by 100. The duration of registered sunshine in the week was only 9·8 hours, of 72·3 hours during which the sun was above the horizon. The general direction of the *wind* was North-westerly, and the horizontal movement of the air averaged 17·1 miles per hour, which was 5·0 above the average in the corresponding week of 16 years. *Rain* fell on six days of the week, to the aggregate amount of 0·68 of an inch.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames was 357,722 cubic metres at Crossness, and 432,068 cubic metres at Barking, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the United Kingdom, during the Week ending Saturday, the 24th day of February 1877.

CITIES AND BOROUGHES.	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 24th February 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTI- GRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centi- metres
Municipal Boundaries, except for LONDON and DUBLIN.)											
3 Towns in the } UNITED KINGDOM }	212,831	8,144,940	38·3	5875	3552	56·0	26·1	40·7	4·83	0·65	1·65
LONDON - - -	75,362	3,533,484	46·9	2450	1495	50·5	33·0	40·4	4·66	0·68	1·73
BRIGHTON - - -	2,354	102,264	43·4	57	42	51·2	33·4	40·8	4·89	0·70	1·78
BRISTOL - - -	4,486	127,144	28·3	85	36	53·0	35·6	42·7	5·95	0·43	1·09
BIRMINGHAM - - -	7,472	84,023	11·2	45	31	52·0	31·0	40·0	4·44	1·00	2·54
MANCHESTER - - -	1,395	72,911	52·3	41	27	52·5	33·0	42·8	6·00	0·44	1·12
GLoucester - - -	4,452	292,950	45·6	157	82	49·6	30·7	41·4	5·22	0·58	1·47
SOUTHAMPTON - - -	3,396	73,389	21·6	50	46	51·2	26·1	38·2	3·44	0·61	1·55
LIVERPOOL - - -	8,400	377,436	44·9	305	157	52·0	30·8	40·8	4·89	0·59	1·50
CARDIFF - - -	3,200	117,461	36·7	110	50	51·0	33·2	40·8	4·89	0·59	1·50
NOTTINGHAM - - -	1,996	95,025	47·6	81	33	51·1	30·5	40·1	4·50	0·58	1·47
SHEFFIELD - - -	5,210	527,083	101·2	423	228	48·8	33·7	41·2	5·11	0·64	1·63
LEEDS - - -	4,293	359,213	83·7	288	191	51·5	30·0	40·6	4·78	1·08	2·74
EDINBURGH - - -	5,170	141,184	27·3	125	63	49·6	27·2	39·6	4·23	1·08	2·74
GLASGOW - - -	4,666	89,796	19·2	67	40	-	-	-	-	-	-
GLoucester - - -	7,220	179,315	24·8	130	82	49·0	30·8	40·0	4·44	0·49	1·24
GLoucester - - -	21,572	298,189	13·8	215	127	51·0	32·0	40·8	4·89	0·45	1·14
GLoucester - - -	19,651	282,130	14·4	207	124	51·0	31·0	40·6	4·78	0·83	2·11
GLoucester - - -	3,635	140,002	38·5	121	62	52·0	31·0	39·2	4·00	1·02	2·59
GLoucester - - -	3,306	110,382	33·4	77	48	56·0	31·0	42·5	5·84	0·55	1·40
GLoucester - - -	5,371	142,231	26·5	120	67	-	-	-	-	-	-
GLoucester - - -	4,191	218,729	52·2	145	83	49·7	28·0	39·3	4·06	0·35	0·89
GLoucester - - -	6,033	555,933	92·1	397	274	-	-	-	-	-	-
GLoucester - - -	10,050	314,666	31·3	177	164	51·5	32·3	42·3	5·73	0·35	0·89

For names of the Meteorological Observers in the several towns, see note at foot of Table 4.

The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by the addition of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,055,612 persons, and in DUBLIN, during the Week ending Saturday the 24th day of February 1877.

BOROUGHES, &c.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from										
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhea.	Violence.			
<i>Municipal Boundaries, except for LONDON and DUBLIN.)</i>																
20 TOWNS -	22·4	3·0	3031	686	616	118	30	71	12	88	60	29	97	206	517	
LONDON - - -	22·1	3·1	1495	323	325	104	14	16	5	38	17	14	54	120	329	
BRIGHTON - - -	21·4	0·5	42	9	15	-	-	1	-	-	-	-	-	1	10	
BRISTOL - - -	14·8	2·5	36	6	7	-	-	3	-	-	2	1	1	1	2	
BIRMINGHAM - - -	19·3	2·5	31	6	9	-	-	3	-	-	1	-	3	4	2	
MANCHESTER - - -	19·3	0·0	27	6	8	-	-	-	-	-	-	-	-	2	-	
GLoucester - - -	21·1	2·6	82	19	22	-	-	1	1	6	1	1	2	3	15	
SOUTHAMPTON - - -	32·7	4·3	46	7	11	-	1	2	-	1	2	-	3	4	10	
LIVERPOOL - - -	21·7	1·8	157	32	34	-	2	3	-	2	4	2	10	14	26	
CARDIFF - - -	22·2	2·2	50	17	12	-	2	-	-	3	-	-	1	7	8	
NOTTINGHAM - - -	18·1	0·0	33	8	8	-	-	-	-	-	-	-	1	3	4	
SHEFFIELD - - -	22·6	3·6	228	58	26	7	-	6	-	10	11	2	7	9	32	
LEEDS - - -	27·8	4·9	191	36	33	1	5	11	-	10	4	3	4	15	30	
GLoucester - - -	23·3	5·9	63	14	7	5	4	1	-	2	3	1	2	3	7	
MANCHESTER - - -	23·2	5·2	40	8	4	1	-	4	-	2	-	2	-	-	1	
NOTTINGHAM - - -	23·9	2·6	82	15	12	-	-	2	1	3	3	-	2	4	7	
SHEFFIELD - - -	22·2	2·8	127	39	21	-	-	10	1	3	2	-	2	8	9	
LEEDS - - -	22·9	2·8	124	34	23	-	-	6	3	3	3	-	1	2	9	
GLoucester - - -	23·1	4·1	62	20	12	-	1	1	1	5	2	1	3	3	5	
MANCHESTER - - -	22·7	1·9	48	14	12	-	-	1	-	-	2	1	-	1	5	
NOTTINGHAM - - -	24·6	1·8	67	15	15	-	1	-	-	-	3	1	1	2	7	
DUBLIN - - -	27·2	2·2	164	24	49	-	2	1	-	1	7	2	4	5	54	

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the EIGHTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2342	2315	2223	2368	2463	2328	2315	2330	2348	2445	2347·7	2450
Males . .	1178	1159	1153	1225	1273	1210	1179	1185	1214	1274	1205·5	1229
Females . .	1164	1156	1070	1143	1185	1118	1136	1145	1134	1171	1142·2	1221
TOTAL Deaths	1337	1336	1419	1861	1633	1488	1664	1754	1854	1691	1603·7	1495
Males . .	678	683	709	955	803	749	822	884	960	870	811·8	755
Females . .	659	653	710	906	825	739	842	870	894	821	791·9	740

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867–76 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Dec. 2.	Dec. 9.	Dec. 16.	Dec. 23.	Dec. 30.	Jan. 6.	Jan. 13.	Jan. 20.	Jan. 27.	Feb. 3.	Feb. 10.	Feb. 17.	Feb. 24.
TOTAL Deaths - - -	1558	1446	1443	1456	1510	1507	1358	1491	1425	1528	1504	1462	1495
0–20 - - -	717	626	678	626	713	673	565	693	636	673	648	653	675
20–40 - - -	212	232	221	256	183	229	218	244	226	214	215	234	206
40–60 - - -	286	256	242	256	274	277	261	258	254	292	262	248	289
60–80 - - -	287	278	247	272	280	278	265	217	251	289	317	263	263
at 80 years & upwds.	56	54	55	46	60	50	49	79	58	60	62	64	62
Deaths of children { Under 1 year -	384	324	351	313	357	340	263	367	331	337	317	334	323
{ 1–5 - - -	205	195	238	217	254	222	202	219	209	241	212	215	259
{ 5–20 - - -	128	107	89	96	102	111	100	107	96	95	119	104	93
Deaths from 7 principal Zymotic Diseases {	219	197	236	237	235	253	214	210	204	231	207	187	208
„ „ Smallpox - - -	67	50	75	97	75	116	100	79	86	103	90	72	104
„ „ Measles - - -	31	24	31	30	40	28	24	17	22	22	21	18	14
„ „ Scarlet Fever - -	41	42	54	37	29	25	23	42	21	23	14	19	16
„ „ Diphtheria - - -	9	8	6	8	9	12	4	5	3	4	7	6	5
„ „ Whooping-cough -	25	28	23	23	34	32	25	31	40	41	44	38	38
„ „ Typhus fever - - -	2	-	3	5	5	3	3	5	4	5	2	7	2
„ „ Enteric (or Typhoid) fever -	21	24	21	15	16	14	17	10	14	14	11	9	11
„ „ Simple Cont'd fever -	7	6	4	5	6	5	2	3	3	1	7	2	4
„ „ Diarrhoea - - -	16	15	19	17	21	18	16	18	11	18	11	16	14
„ „ Simple Cholera - -	-	-	-	-	1	1	-	-	-	-	-	-	-
„ „ Dis. of Respiratory Organs {	411	315	282	305	352	298	291	290	304	375	381	355	303
„ „ Phthisis - - -	154	150	170	168	149	134	139	166	147	156	173	166	168
„ „ Heart Diseases - -	95	94	87	78	91	101	75	81	96	95	101	96	84
Violent Deaths - - -	55	60	50	54	71	89	51	55	52	45	51	45	54
Inquest Cases - - -	98	104	97	93	123	170	96	101	91	95	111	83	120
Deaths in Public Institutions	300	307	292	297	293	335	297	316	283	319	317	275	329
TEMPERATURE OF THE AIR:													
Mean - - - - -	46·0	47·5	42·5	39·9	43·3	46·8	41·5	45·5	39·0	43·0	46·3	46·4	40·4
Mean of Highest readings -	51·1	51·0	45·5	44·0	46·9	50·9	46·2	49·8	46·8	48·7	52·2	51·8	45·8
Mean of Lowest readings -	40·6	44·3	38·8	35·8	39·0	42·0	37·4	39·7	30·7	36·7	40·5	42·2	35·7
Mean Temperature of the Water of the Thames {	45·4	46·9	43·2	42·7	38·5	44·9	44·6	42·7	43·2	41·0	44·1	47·5	44·4
Humidity of the Air - - -	88	88	89	92	92	87	90	90	87	84	85	82	79
Rain-fall in inches - - -	1·69	1·40	0·24	2·19	1·23	1·34	1·96	0·39	0·40	0·42	0·06	0·78	0·68

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the EIGHTH Week of the Year 1877.

CAUSES OF DEATH.	Average in the Eighth Weeks of the 10 years 1867-76.	In the Week ending Saturday, February 24, 1877.								CAUSES OF DEATH.	Average in the Eighth Weeks of the 10 years 1867-76.	In the Week ending Saturday, February 24, 1877.							
		Deaths of Persons of the Ages										Deaths of Persons of the Ages							
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
			Mean Tem.	0-1.	1-5.								5-20.	Mean Tem.	0-1.					1-5.	5-20.
Temperature -	40°9	40°4							Mean Temperature	40°9	40°4								
CAUSES -	1603·7	1495	323	259	93	206	289	263	62	9. Stricture of Intestines	1·1	-	-	-	-	-	-	-	
DEFIED CAUSES	1594·2	1492	321	259	93	206	289	262	62	10. Fistula -	·9	-	-	-	-	-	-	-	
CONTIC DISEASES.										11. Stomach Disease, &c. -	6·8	8	-	1	-	1	3	2	
ORDER 1.										12. Pancreas Disease, &c. -	-	-	-	-	-	-	-	-	
1. Cholera -	35·9	104	9	16	24	40	13	2	-	13. Hepatitis -	4·3	3	-	-	-	1	-	2	
2. Typhoid -	28·0	14	3	11	-	-	-	-	-	14. Jaundice -	4·3	5	1	1	-	1	2	-	
3. Typhus -	38·9	16	1	12	8	-	-	-	-	15. Liver Disease, &c. -	20·1	26	1	1	2	8	12	3	
4. Typhoid -	5·6	5	1	3	-	1	-	-	-	16. Spleen Disease, &c. -	·5	-	-	-	-	-	-	-	
5. Typhoid -	·6	4	1	2	-	-	-	-	-	ORDER 5.									
6. Typhoid -	16·9	9	2	7	-	-	-	-	-	1. Nephritis -	3·0	7	-	-	1	2	2	2	
7. Typhoid -	69·9	88	16	22	-	-	-	-	-	2. Ischuria -	·3	-	-	-	-	-	-	-	
8. Typhoid -	85·4	11	1	4	4	1	1	-	-	3. Bright's Dis. (Nephria)	13·2	10	-	-	2	6	2	-	
9. Typhoid -	7·7	4	-	2	1	1	1	-	-	4. Diabetes -	2·9	2	-	-	-	1	1	-	
10. Typhoid -	5·0	4	-	-	1	2	1	-	-	5. Calculus (Stone)	·8	1	-	-	-	-	1	-	
11. Typhoid -	·7	-	-	-	-	-	-	-	-	6. Cystitis -	1·8	2	-	-	-	1	1	-	
12. Typhoid -	·8	-	-	-	-	-	-	-	-	7. Kidney Disease, &c. -	8·7	10	-	-	-	1	7	2	
13. Typhoid -	1·8	4	2	-	-	1	-	1	-	ORDER 6.									
14. Typhoid -	13·1	14	9	1	-	2	2	-	-	1. Ovarian Dropsy -	1·1	-	-	-	-	-	-	-	
15. Typhoid -	·4	-	-	-	-	-	-	-	-	2. Uterus Disease, &c. -	5·4	1	-	-	-	1	-	-	
16. Typhoid -	·3	-	-	-	-	-	-	-	-	ORDER 7.									
17. Typhoid -	9·3	21	-	-	2	10	3	6	-	1. Synovitis (Arthritis) -	·8	1	-	-	-	-	1	-	
18. Typhoid -	·3	1	1	-	-	-	-	-	-	2. Joint Disease, &c. -	8·0	8	-	1	4	-	3	-	
19. Typhoid -	-	-	-	-	-	-	-	-	-	ORDER 8.									
20. Typhoid -	-	-	-	-	-	-	-	-	-	1. Phlegmon -	2·0	4	1	-	1	-	1	1	
21. Typhoid -	-	-	-	-	-	-	-	-	-	2. Ulcer -	1·1	1	1	-	-	-	-	-	
22. Typhoid -	-	-	-	-	-	-	-	-	-	3. Skin Disease, &c. -	1·4	1	1	-	-	-	-	-	
23. Typhoid -	-	-	-	-	-	-	-	-	-	IV. DEVELOPMENTAL DISEASES.									
24. Typhoid -	-	-	-	-	-	-	-	-	-	ORDER 1.									
25. Typhoid -	-	-	-	-	-	-	-	-	-	1. Premature Birth -	25·2	19	19	-	-	-	-	-	
26. Typhoid -	-	-	-	-	-	-	-	-	-	2. Cyanosis -	2·5	6	6	-	-	-	-	-	
27. Typhoid -	-	-	-	-	-	-	-	-	-	3. Spina Bifida -	·5	1	1	-	-	-	-	-	
28. Typhoid -	-	-	-	-	-	-	-	-	-	4. Other Malformations -	1·3	5	5	-	-	-	-	-	
29. Typhoid -	-	-	-	-	-	-	-	-	-	5. Teething -	18·4	21	10	11	-	-	-	-	
30. Typhoid -	-	-	-	-	-	-	-	-	-	ORDER 2.									
31. Typhoid -	-	-	-	-	-	-	-	-	-	1. Paramenia -	-	-	-	-	-	-	-	-	
32. Typhoid -	-	-	-	-	-	-	-	-	-	2. Childbirth (see Puer-} peral Fever) -	6·3	5	-	-	-	5	-	-	
33. Typhoid -	-	-	-	-	-	-	-	-	-	ORDER 3.									
34. Typhoid -	-	-	-	-	-	-	-	-	-	1. Old Age -	59·9	59	-	-	-	-	26	33	
35. Typhoid -	-	-	-	-	-	-	-	-	-	ORDER 4.									
36. Typhoid -	-	-	-	-	-	-	-	-	-	1. Atrophy and Debility	61·0	48	34	7	1	1	1	4	
37. Typhoid -	-	-	-	-	-	-	-	-	-	V. VIOLENT DEATHS, &c.									
38. Typhoid -	-	-	-	-	-	-	-	-	-	ORDER 1.									
39. Typhoid -	-	-	-	-	-	-	-	-	-	(ACCIDENT OR NEGLIGENCE.)									
40. Typhoid -	-	-	-	-	-	-	-	-	-	1. Fractures & Contusions	18·9	13	-	2	4	3	4	-	
41. Typhoid -	-	-	-	-	-	-	-	-	-	2. Wounds { Gunshot -	·6	2	-	-	-	1	1	-	
42. Typhoid -	-	-	-	-	-	-	-	-	-	3. Burns and Scalds	7·2	3	1	2	-	-	-	-	
43. Typhoid -	-	-	-	-	-	-	-	-	-	4. Poison -	1·5	1	-	-	1	-	-	-	
44. Typhoid -	-	-	-	-	-	-	-	-	-	5. Drowning -	4·0	6	-	2	-	2	-	-	
45. Typhoid -	-	-	-	-	-	-	-	-	-	6. Suffocation -	10·5	17	14	1	1	-	1	-	
46. Typhoid -	-	-	-	-	-	-	-	-	-	7. Otherwise -	2·1	6	1	1	1	1	2	-	
47. Typhoid -	-	-	-	-	-	-	-	-	-	ORDER 3.									
48. Typhoid -	-	-	-	-	-	-	-	-	-	(HOMICIDE.)									
49. Typhoid -	-	-	-	-	-	-	-	-	-	1. Murder & Manslaughter	2·9	2	1	-	-	1	-	-	
50. Typhoid -	-	-	-	-	-	-	-	-	-	ORDER 4.									
51. Typhoid -	-	-	-	-	-	-	-	-	-	(SUICIDE.)									
52. Typhoid -	-	-	-	-	-	-	-	-	-	1. Wounds { Gunshot -	·2	-	-	-	-	-	-	-	
53. Typhoid -	-	-	-	-	-	-	-	-	-	2. Poison -	·8	1	-	-	-	-	1	-	
54. Typhoid -	-	-	-	-	-	-	-	-	-	3. Drowning -	1·3	1	-	-	-	1	-	-	
55. Typhoid -	-	-	-	-	-	-	-	-	-	4. Hanging -	1·6	1	-	-	-	-	-	-	
56. Typhoid -	-	-	-	-	-	-	-	-	-	5. Otherwise -	·4	-	-	-	-	-	-	-	
57. Typhoid -	-	-	-	-	-	-	-	-	-	ORDER 5.									
58. Typhoid -	-	-	-	-	-	-	-	-	-	(EXECUTION.)									
59. Typhoid -	-	-	-	-	-	-	-	-	-	1. Hanging -	-	-	-	-	-	-	-	-	
60. Typhoid -	-	-	-	-	-	-	-	-	-	Violent Deaths (not classed)	·7	1	-	-	-	1	-	-	
61. Typhoid -	-	-	-	-	-	-	-	-	-	Sudden Deaths (Cause unascertained) -	·7	-	-	-	-	-	-	-	
62. Typhoid -	-	-	-	-	-	-	-	-	-	Causes not specified or ill-defined -	8·8	3	2	-	-	-	-	1	

E.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include														Inquest Cases.	Deaths in Public
				Deaths of		Deaths from													
				Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.				
LONDON - - -	3,254,260	2450	1495	323	325	104	14	16	5	38	2	11	4	14	54	120	8		
WEST DISTRICTS - - -	561,359	334	214	46	62	5	-	3	2	1	-	-	1	1	5	11	2		
NORTH DISTRICTS - - -	751,729	547	368	78	86	43	2	2	2	13	-	4	-	4	7	25	10		
CENTRAL DISTRICTS - - -	334,369	213	146	29	25	1	4	1	-	1	-	2	-	1	6	13	3		
EAST DISTRICTS - - -	639,111	561	346	80	71	20	3	3	1	14	-	3	-	2	26	51	7		
SOUTH DISTRICTS - - -	967,692	795	421	90	81	35	5	7	-	9	2	2	3	6	10	15	7		
WEST DISTRICTS.																			
St. Mary Paddington WH - - -	58728	50	18	6	7	-	-	-	-	1	1	-	-	-	1	1	2		
St. John Paddington H - - -	38085	12	8	1	1	-	-	-	-	-	-	-	-	-	1	3	-		
Kensington Town W - - -	91645	55	45	12	12	3	-	-	-	1	-	-	-	-	-	-	-		
Brompton H - - -	28654	23	9	2	5	-	-	-	-	-	-	-	-	-	-	-	-		
St. Peter Hammersmith - - -	6662	3	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-		
St. Paul Hammersmith H - - -	36029	35	12	3	6	-	-	-	-	-	-	-	-	-	-	-	-		
Fulham WH - - -	23350	20	10	-	2	-	-	2	-	-	-	-	-	-	-	-	-		
Chelsea South HHH - - -	26420	18	10	1	4	1	-	1	-	-	-	-	1	-	-	-	-		
Chelsea North-west WHHHH - - -	22926	11	17	5	4	-	-	-	-	-	-	-	-	-	-	-	-		
Chelsea North-east - - -	21392	9	5	-	3	-	-	-	-	-	-	-	-	-	-	-	-		
Hanover Square H - - -	18698	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
May Fair WW - - -	13358	1	5	-	1	-	-	-	-	-	-	-	-	-	-	1	-		
Belgrave HH - - -	57972	30	24	4	7	-	-	-	-	-	-	-	-	-	2	2	-		
St. John Westminster HH - - -	38478	24	12	1	2	-	-	-	-	-	-	-	-	-	-	-	-		
St. Margaret Westminster WH - - -	27781	10	17	3	5	1	-	-	-	-	-	-	-	1	-	-	-		
Golden Square WH - - -	12860	5	8	2	2	-	-	-	-	-	-	-	-	-	-	1	-		
Berwick-street H - - -	20759	8	9	4	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Anne Soho HHHHH - - -	17562	12	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
NORTH DISTRICTS.																			
All Souls Marylebone HHHH - - -	28579	13	13	-	3	-	-	1	-	-	-	-	-	-	-	-	-		
Cavendish Square HH - - -	15425	6	2	-	1	1	-	-	-	-	-	-	-	-	-	3	-		
Rectory Marylebone WH - - -	26384	19	22	6	7	-	-	-	-	2	-	-	-	-	-	-	-		
St. Mary Marylebone HHH - - -	21786	16	8	1	2	-	1	-	-	-	-	-	-	-	-	-	-		
Christchurch Marylebone H - - -	33944	16	17	4	3	2	-	-	-	2	-	-	-	-	-	-	-		
St. John Marylebone H - - -	33136	19	10	4	1	-	-	-	-	-	-	-	-	-	1	1	-		
Hampstead WvHH - - -	32281	14	23	3	2	14	-	-	-	-	-	-	-	1	-	-	-		
Regent's Park Pancras H - - -	38209	13	10	2	3	-	-	-	-	1	-	-	-	-	2	2	-		
Tottenham-court WHHH - - -	29370	13	24	2	6	-	-	-	-	-	-	-	-	-	1	2	-		
Gray's Inn Lane HH - - -	29221	15	10	1	1	-	-	-	-	1	-	-	-	-	-	-	-		
Somers Town - - -	33533	33	11	3	1	-	1	-	1	1	-	-	-	-	-	2	-		
Camden Town WH - - -	17943	22	14	4	9	-	-	-	-	-	-	-	-	-	-	-	-		
Kentish Town w - - -	68198	67	33	5	11	-	-	-	-	1	-	-	-	-	1	4	-		
Islington West HHH - - -	97820	75	44	14	3	7	-	-	-	3	-	1	-	-	1	4	-		
Islington East WvWH - - -	115953	90	47	12	14	1	-	-	-	1	-	1	-	1	-	1	-		
Stoke Newington H - - -	9841	9	8	1	4	-	-	-	-	-	-	-	-	-	-	-	-		
Stamford Hill - - -	6598	9	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
West Hackney - - -	28069	23	11	3	3	-	-	-	-	-	-	1	-	1	-	-	-		
Hackney WvWH - - -	50104	41	51	10	10	18	-	-	-	1	-	-	-	-	-	2	-		
South Hackney - - -	30339	34	8	3	1	-	-	-	-	-	-	-	-	-	-	1	-		
CENTRAL DISTRICTS.																			
St. George Bloomsbury - - -	17853	12	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Giles South WH - - -	19109	13	9	2	1	-	-	-	-	-	-	-	-	-	-	1	-		
St. Giles North - - -	16594	9	8	2	3	-	-	-	-	-	-	-	-	-	-	-	-		
Long Acre - - -	11379	6	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-		
Charing Cross HH - - -	9859	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Mary-le-Strand - - -	9878	4	4	-	1	-	-	-	-	-	-	1	-	-	2	2	-		
St. Clement Danes H - - -	10723	5	9	1	1	-	-	1	-	-	-	-	-	-	-	-	-		
St. George-the-Martyr HHHHH - - -	20521	9	12	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew Eastern W - - -	13529	5	17	1	6	-	-	-	-	-	-	-	-	-	-	-	-		
Saffron Hill H - - -	9066	5	3	1	2	-	-	-	-	-	-	-	-	-	-	1	-		
St. James Clerkenwell W - - -	18917	25	7	5	-	1	1	-	1	-	-	-	-	-	-	2	-		
Amwell Clerkenwell - - -	16884	16	9	1	1	-	2	-	-	-	-	-	-	-	-	-	-		
Pentonville - - -	13337	11	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Goswell-street - - -	16242	10	6	1	2	-	-	-	-	-	-	1	-	-	-	-	-		
Old-street H - - -	12161	7	4	-	-	-	-	-	-	-	-	-	-	-	-	4	-		
City-road HHL - - -	18301	23	8	2	1	-	1	-	-	-	-	-	-	-	1	4	-		
Whitecross-street - - -	13792	7	9	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Finsbury - - -	10741	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. Botolph East London H - - -	14540	12	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-		
Cripplegate - - -	13638	11	3	-	2	-	-	-	-	-	-	-	-	-	-	3	3		
St. Sepulchre H - - -	7562	3	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Bride W - - -	11185	3	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Castle Baynard - - -	4426	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Christchurch - - -	6270	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Queenhithe - - -	4753	6	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Allhallows Barking - - -	5764	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
Broad-street H - - -	7845	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see n at the foot of next page.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
Friday, 24th February 1877.

				The DEATHS registered in the Week include															
REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	Deaths of		Deaths from												Inquest Cases.	Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.				
EAST DISTRICTS.																			
Lywell Shoreditch - - -	12430	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Leonard Shoreditch <i>HL†</i>	16545	15	10	3	-	-	-	-	-	-	-	-	-	1	-	1	2		
Hoxton New Town <i>w</i> - - -	27835	12	24	4	12	-	-	-	-	-	-	-	-	-	-	1	5		
Hoxton Old Town - - -	26933	25	12	4	3	-	-	-	-	-	-	-	-	-	-	3	4		
Wallerston West <i>W</i> - - -	24162	30	12	3	5	-	-	-	-	1	1	-	-	-	-	1	1		
Wallerston East <i>H</i> - - -	19259	22	12	5	-	-	-	-	-	-	-	-	-	-	-	-	3		
Hackney-road - - -	29822	18	7	2	1	-	-	-	-	-	1	-	-	-	-	-	-		
St. John, Bethnal Green <i>WHL†</i>	42433	45	23	6	7	-	1	1	-	-	-	-	-	-	1	-	10		
St. George, Bethnal Green - - -	26577	19	9	4	2	-	-	-	-	-	-	-	-	-	-	1	2		
St. George, Bethnal Green - - -	21272	14	6	1	1	-	-	-	-	-	1	-	-	-	-	-	-		
St. Paul's Fields <i>H</i> - - -	22499	12	9	4	1	2	-	-	-	-	-	-	-	-	1	2	-		
St. Paul's End New Town <i>W</i>	15550	14	8	1	2	-	-	-	-	-	-	-	-	-	2	3	7		
Whitechapel North - - -	11597	9	7	1	1	-	-	-	-	2	-	-	-	1	-	-	-		
Whitechapel Church <i>H</i> - - -	7322	7	16	1	-	-	-	-	-	-	-	-	-	-	-	3	13		
St. James's Fields - - -	10381	5	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. James's Gate - - -	9224	4	5	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
Mary St. George East - - -	17900	19	7	2	-	-	-	-	-	-	1	-	1	-	-	1	2		
Paul St. George East - - -	21350	16	4	2	-	-	-	-	-	-	-	-	-	-	-	-	2		
John St. George East <i>W</i>	8802	6	11	1	3	1	-	-	-	-	-	-	-	-	-	-	7		
St. Andrew - - -	11640	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew <i>H</i> - - -	16131	6	7	-	2	-	-	-	-	-	-	-	-	-	-	-	2		
St. Andrew <i>W</i> - - -	29919	23	13	3	4	1	-	1	-	1	-	-	-	-	1	-	-		
St. Andrew Old Town Western - - -	33128	41	21	7	2	1	2	-	-	-	1	-	-	-	-	3	4		
St. Andrew Old Town Eastern <i>WwwH</i>	55024	63	34	9	10	1	-	1	-	4	-	-	-	-	-	-	3		
St. Andrew <i>wwwHL†</i> - - -	67765	76	52	9	9	9	-	-	-	-	-	-	-	-	-	6	9		
St. Andrew <i>WW</i> - - -	48611	39	31	5	6	5	-	-	-	-	1	-	-	-	-	3	4		
SOUTH DISTRICTS.																			
St. Andrew Southwark <i>WH</i> - - -	14573	7	4	-	1	1	-	-	-	-	-	-	-	-	-	-	1		
St. Andrew Saviour Southwark <i>H</i> - - -	15677	11	5	-	1	1	-	-	-	-	-	-	-	-	-	1	1		
St. Andrew Kent-road - - -	20421	17	4	3	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew Borough-road <i>WH</i> - - -	16695	13	3	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
St. Andrew London-road <i>HL</i> - - -	18961	13	8	1	2	-	-	-	-	-	1	-	-	-	-	-	1		
St. Andrew Unity Newington - - -	23682	21	11	1	1	2	-	1	-	-	-	-	-	-	-	-	-		
St. Andrew Peter Walworth <i>W</i> - - -	48248	34	22	3	3	1	-	1	-	-	-	-	-	-	-	-	5		
St. Andrew Mary Newington - - -	16792	11	6	-	3	-	-	-	-	1	-	-	-	-	-	-	-		
St. Andrew Olave Southwark <i>H</i> - - -	4373	2	13	-	-	-	-	-	-	-	-	-	-	-	1	1	13		
St. Andrew John Horsleydown <i>W</i> - - -	10500	6	4	2	1	-	-	-	-	-	-	-	-	-	1	-	2		
St. Andrew Cuthbert Market - - -	16787	15	6	3	-	-	-	-	-	-	-	-	-	-	1	1	-		
St. Andrew Mary Magdalen <i>W</i> - - -	15709	8	9	1	3	-	1	-	-	-	-	-	-	-	-	-	3		
St. Andrew James Bermondsey - - -	47933	45	12	3	3	1	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew Cuthbert <i>W</i> - - -	27096	13	15	2	4	1	1	-	-	-	1	-	-	1	-	-	2		
St. Andrew Waterloo-road 1st <i>H</i> - - -	14074	10	3	-	1	-	-	-	-	-	-	-	-	-	-	1	-		
St. Andrew Waterloo-road 2nd <i>H</i> - - -	18465	13	5	2	-	-	-	-	-	-	-	-	-	-	1	1	-		
St. Andrew Lambeth Church 1st <i>H</i> - - -	19492	12	16	2	2	-	-	-	-	-	-	-	-	-	1	2	10		
St. Andrew Lambeth Church 2nd <i>WW</i> - - -	35833	27	30	5	5	5	2	1	-	-	-	-	-	-	1	1	8		
St. Andrew Roper Street 1st - - -	41286	33	15	2	5	1	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew Roper Street 2nd - - -	31221	24	9	2	1	2	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew Roper Street <i>w</i> - - -	35435	35	29	8	3	14	-	1	-	-	1	-	-	-	1	1	13		
St. Andrew Roper Street <i>W</i> - - -	12536	11	6	1	2	1	-	-	-	-	-	-	-	-	-	1	-		
St. Andrew Roper Street <i>H</i> - - -	27347	19	13	-	4	1	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew Roper Street <i>Ww</i> - - -	54016	76	30	10	1	-	-	-	-	3	-	-	-	-	2	-	2		
St. Andrew Roper Street <i>HL</i> - - -	19783	10	5	2	-	-	-	-	-	1	-	-	-	-	-	1	1		
St. Andrew Roper Street - - -	9439	7	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew Roper Street - - -	14475	16	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew Roper Street - - -	4041	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew Roper Street <i>WLT†</i>	31254	28	18	2	7	2	-	2	-	1	-	-	-	-	1	-	5		
St. Andrew Roper Street <i>W</i> - - -	42160	46	16	6	1	1	-	1	-	-	-	-	-	-	-	1	-		
St. Andrew Roper Street George Camberwell - - -	33851	21	16	7	4	-	-	-	1	-	-	-	-	-	-	-	-		
St. Andrew Roper Street Paul Deptford - - -	53714	46	17	6	3	1	-	-	1	-	1	-	1	-	-	-	-		
St. Andrew Roper Street Nicholas Deptford - - -	6474	7	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew Roper Street Greenwich West - - -	21034	18	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew Roper Street Greenwich East <i>WH</i> - - -	19378	14	15	3	4	-	-	-	-	-	-	-	-	-	-	-	6		
St. Andrew Roper Street - - -	4539	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew Roper Street - - -	16440	13	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew Roper Street - - -	11513	7	9	2	3	-	-	-	1	-	-	-	-	-	-	-	1		
St. Andrew Roper Street - - -	19065	19	8	4	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew Roper Street - - -	9564	4	4	-	-	-	-	-	-	-	-	-	1	1	-	-	1		
St. Andrew Roper Street - - -	17226	15	10	1	3	-	-	-	-	-	-	-	-	-	-	1	-		
St. Andrew Roper Street - - -	18331	18	7	3	3	-	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew Roper Street - - -	13027	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew Roper Street - - -	15232	15	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-		

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by *w*:-

Central London Sick Asylum in Tottenham-court sub-district.	London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Kentish Town sub-district.	Stepney
Islington East sub-district.	Poplar & Stepney Sick Asylum
Holborn Infirmary	Westminster Union Industrial School in Battersea sub-district.
London City Workhouse	Small-pox and Fever Hospitals in Hampstead, Hackney, and Brixton sub-districts.
Holborn	
Whitechapel	

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 24th February 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Ename- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
						Deaths of		Deaths from											
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.				
	LONDON—OUTER RING	368,414	631,381	507	233	56	60	8	3	2	2	7	3	2	7	10	36		
29: 1	Carshalton W - - -	12228	13523	22	5	4	-	-	-	-	-	-	-	-	-	-	-		
2	Epsom (part of) * WH -	9971	9145	6	7	-	3	-	-	-	-	-	-	-	1	1	4		
36: 1	Godstone (part of) * - -	2754	900	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
37: 1	Croydon WWH - - -	20851	71319	50	28	7	8	1	-	-	1	-	-	-	-	1	4		
2	Mitcham WH - - -	11697	12534	11	6	2	1	1	-	-	-	-	-	-	-	-	-		
38: 1	Wimbledon HH - - -	3220	9087	6	4	1	2	-	-	-	-	-	-	-	-	-	-		
2	Kingston WH - - -	8549	27489	20	6	1	3	-	-	-	-	-	-	-	-	-	2		
3	Esher (part of) * - - -	6601	7353	6	-	-	-	-	-	-	-	-	-	-	-	-	-		
4	Hampton - - -	4573	10185	7	1	-	1	-	-	-	-	-	-	-	-	-	-		
39: 1	Richmond WH - - -	2271	16829	11	1	1	-	-	-	-	-	-	-	-	-	-	-		
2	Mortlake - - -	2961	9316	10	5	2	3	-	-	-	-	1	-	-	-	-	-		
40: 1	Bromley (part of) * HH -	15669	19509	11	5	1	-	-	-	-	-	1	-	-	-	-	1		
2	Chislehurst (part of) * W -	13665	10028	10	9	3	-	-	-	-	-	-	-	-	-	-	4		
41: 1	Bexley H - - -	13439	19566	11	3	1	2	-	-	-	-	-	-	-	-	-	-		
123: 1	Sunbury W - - -	11055	9860	3	2	-	1	-	-	-	-	-	-	-	-	-	-		
2	Staines W - - -	13277	10339	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
124: 1	Hillingdon WH - - -	6029	9712	6	2	-	1	-	-	-	-	-	-	-	1	1	-		
2	Uxbridge - - -	6178	5329	3	3	1	1	-	-	-	-	-	-	-	-	-	-		
3	Hayes WL - - -	14587	10497	4	6	-	1	-	-	-	1	-	-	-	-	-	2		
125: 1	Isleworth W - - -	7008	19930	12	8	-	4	-	-	-	-	-	1	-	-	-	4		
2	Twickenham - - -	2477	10533	4	9	1	3	-	-	-	-	-	1	-	-	-	-		
3	Brentford HL - - -	4370	20279	27	9	3	1	-	-	-	-	-	1	1	1	1	-		
4	Chiswick - - -	1311	8508	8	5	3	1	-	-	-	-	1	-	-	-	-	-		
5	Acton WH - - -	6087	12683	10	5	2	1	1	-	-	-	-	-	-	-	1	1		
126: 1	Harrow H - - -	13809	10869	5	3	1	1	-	-	-	-	-	-	-	-	-	-		
2	Edgware - - -	6994	3450	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Willesden - - -	4383	15869	16	4	3	-	-	-	1	-	1	-	-	-	-	-		
4	Hendon WH - - -	8382	6972	1	3	1	2	-	-	-	-	-	-	-	-	-	2		
127: 1	South Mimms - - -	15419	5924	4	3	-	-	-	-	-	-	-	-	-	1	1	-		
2	Barnet W - - -	5423	7752	3	6	-	2	-	-	-	-	-	-	-	1	1	1		
3	Finchley L - - -	4688	11493	8	9	-	1	-	-	-	-	-	-	-	-	-	6		
128: 1	Hornsey H - - -	3039	19357	23	8	2	1	-	1	-	-	1	-	-	-	-	-		
2	Tottenham H - - -	4642	22869	14	8	-	2	1	-	-	-	-	-	-	-	-	1		
3	Edmonton WW - - -	7483	13860	17	3	-	2	-	-	-	-	-	-	-	-	-	2		
4	Enfield WH - - -	12653	16054	13	2	1	1	-	-	-	-	-	-	1	-	-	-		
5	Waltham Abbey - - -	11017	5197	2	2	1	1	-	-	-	-	-	-	-	-	-	-		
6	Cheshunt - - -	8493	7518	3	1	-	-	-	-	-	-	-	-	-	-	-	-		
134: 1	Hatfield (part of) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
136: 1	Bushey - - -	9028	6472	4	3	-	1	-	-	-	-	-	-	-	-	-	-		
135: 1	Stratford - - -	882	23236	26	16	6	1	3	-	-	-	2	-	-	-	-	-		
2	West Ham WWWW - - -	7345	44642	62	16	4	2	1	2	-	-	-	-	-	2	3	2		
3	Leyton WW - - -	4274	15513	11	4	-	1	-	-	1	-	-	-	-	-	-	-		
4	Walthamstow H - - -	6619	15701	11	7	2	2	-	-	-	-	-	-	-	-	-	-		
136: 1	Chigwell (part of) * H -	10483	8169	10	3	2	1	-	-	-	-	-	-	-	-	-	-		
138: 1	Romford (part of) * - -	6730	2879	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Ilford - - -	8492	5947	2	3	-	2	-	-	-	-	-	-	-	-	-	-		
3	Barking Town - - -	4128	6576	6	-	-	-	-	-	-	-	-	-	-	-	-	-		

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:— 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38: 3, the whole of Fisher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134: 1, only the parish of Northaw in Hatfield sub-district; 136: 1, the whole of the Chigwell sub-district, except the parish of Thoydon-Bolt (pop. 798); 138: 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 24th February, 1877.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from										Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.			
EATER LONDON	446,494	4,367,547	20·6	2·8	1728	379	385	112	17	18	7	45	20	16	61	365		
INNER LONDON -	78,080	3,533,484	22·1	3·1	1495	323	325	104	14	16	5	38	17	14	54	329		
OUTER RING -	368,414	834,063	14·6	1·7	233	56	60	8	3	2	2	7	3	2	7	36		

NOTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 97·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 26 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA -	429,535	January 20	-	269	32·7	Fevers 60; cholera 56.
BOMBAY -	644,405	" 16	-	455	36·8	Small-pox 15; cholera 2.
MADRAS -	397,552	" 12	-	814	106·8	Cholera 369.
PARIS -	1,851,792	February 22	-	957	27·0	Typhoid fever 27; small-pox 5.
GENEVA* -	67,829	" 17	41	35	26·9	—
BRUSSELS -	188,609	" 17	138	79	21·9	Small-pox 6.
AMSTERDAM -	289,981	" 10	214	164	29·5	Croup 4.
ROTTERDAM -	136,231	" 10	114	75	28·7	Whooping-cough 4.
THE HAGUE -	104,095	" 10	105	48	24·1	—
COPENHAGEN -	215,000	" 13	162	116	28·1	Whooping-cough 4.
STOCKHOLM -	144,305	" 10	-	69	24·9	Scarlet fever 3.
CHRISTIANIA -	79,000	" 17	64	41	27·1	Measles 2.
BERLIN -	980,000	" 3	892	475	25·3	Scarlet fever 12; diphtheria 15.
HAMBURG (State) -	388,618	" 3	253	172	23·1	Whooping-cough 3.
BRESLAU -	246,813	" 10	187	137	29·0	—
MUNICH -	209,000	" 17	-	126	31·5	Diphtheria and croup 2.
VIENNA -	714,548	" 17	589	345	25·2	Diphtheria 18; small-pox 16.
BUDA-PESTH -	315,401	" 10	255	253	41·9	Diphtheria 9; small-pox 3.
ROME -	262,428	January 14	-	-	-	—
NAPLES -	454,948	February 4	-	361	41·4	Fevers 9; diphtheria 5.
TURIN -	223,488	" 10	114	126	29·4	Typhoid fever and typhus 8.
ALEXANDRIA -	212,034	" 10	192	190	46·8	Whooping-cough 12.
NEW YORK -	1,070,578	" 3	-	452	22·1	Scarlet fever 21; diphtheria 15.
BROOKLYN -	527,830	" 3	-	189	18·7	Scarlet fever 17; diphtheria 9.
PHILADELPHIA -	850,856	" 3	-	242	14·8	Typhoid fever 16; small-pox 3.
BOSTON -	352,000	" 3	-	125	18·5	Diphtheria 10.

* With suburbs, including Genf, Plain-palais, and Eaux-Vives.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 24th FEBRUARY, 1877.

[Under the Superintendence of the Astronomer Royal.]

1877. MONTH AND DAY.	MOON. Phases of Moon.	READINGS OF THERMOMETERS.										DIFFERENCE				Degree of Hu- midity, complete Satura- tion being repre- sented by 100.	WIND.				RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		Baro- meter. Mean daily reading (con- rected and re- duced to 32 deg. Fahren- heit).	Dry.			Dew Point. Mean daily value.	Highest in the sun, as shown by self-regis- tering thermo- meter with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by self-regis- tering thermo- meters.	In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between Dew Point Temperature and Air Temperature.		Mean daily value.	Least.	Great- est.		Mean of 24 Obs.	Amount of Depart- ure from Horizontal Average of Air each day. 16 years.	Robinson's.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
			High- est.	Low- est.	Range in day.				Mean daily value.	Mean daily value.	Least.	Great- est.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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DATE.	Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
FEBRUARY.				
SUNDAY	18	0.0	10.1	Overcast generally. Rain fell frequently in the afternoon and evening.
MONDAY	19	3.6	10.2	Overcast with rain in morning; fine and partially cloudy till evening; overcast with heavy rain at night.
TUESDAY	20	1.5	10.3	Vivid lightning seen between 1h. A.M. and 2h. A.M. Frequent showers of rain and sleet during the morning; fine after 1h. p.m.
WEDNESDAY	21	0.4	10.3	Fine in morning; generally overcast after noon.
THURSDAY	22	1.0	10.4	Cloudy generally. Snow and rain fell in the evening.
FRIDAY	23	3.3	10.5	Rain fell in the early morning hours; fine and partially cloudy till afternoon; generally overcast afterwards.
SATURDAY	24	0.0	10.5	Generally overcast. Rain fell in morning.
..	..	Sum 9.8	Sum 72.3	
No. of Col.	28	29	30	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873.

* In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and — "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 29.92 in. at the beginning of the week to 29.93 in. by noon on the 18th; decreased to 28.85 in. by 7h. A.M. on the 20th; increased to 29.89 in. by 9h. A.M. on the 22nd; decreased to 29.53 in. by 9h. P.M. on the same day; increased to 29.78 in. by 9h. P.M. on the 23rd; and decreased to 29.38 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS
OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 9. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, MARCH 3. [Price 1½d.

*General Register Office, Somerset House,
5th March, 1877.*

UNITED KINGDOM.

DURING last week 5956 *births* and 3782 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2174. The mortality from all causes was at the average rate of 24 deaths annually in every 1000 persons living. The annual death-rate was 20 per 1000 in Edinburgh, 29 in Glasgow, and 32 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow :—Portsmouth 15, Plymouth 18, Brighton 19, Leicester 20, Bradford 21, Hull 21, Leeds 22, Newcastle-upon-Tyne 22, London 23, Wolverhampton 23, Norwich 24, Sheffield 24, Birmingham 24, Sunderland 25, Oldham 27, Liverpool 27, Nottingham 27, Manchester 29, Salford 34, and the highest rate 34 in Bristol. The annual death-rate from the seven principal zymotic diseases averaged 2·9 per 1000 in the twenty towns, and ranged from 0·6 and 0·7 in Nottingham and Wolverhampton, to 4·8 and 7·5 in Salford and Norwich. Measles showed fatal prevalence in Norwich. The deaths from small-pox in the twenty towns, which had been 95 and 118 in the two preceding weeks, were last week 103, of which 84 occurred in London, 12 in Liverpool, 5 in Manchester and Salford (exclusive of three fatal municipal cases in the Monsall Hospital), one in Leeds, and one in Newcastle-upon-Tyne; no death from this disease was recorded in any of the fourteen other towns.

Ten more deaths were registered during the week in the Manchester Work-house at Crumpsall, of which two were fatal cases of measles.

LONDON.

In LONDON 2498 BIRTHS and 1529 DEATHS were registered. Allowing for increase of population, the births were 14, and the deaths 132, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 21·6 and 22·1 per 1000, further rose last week to 22·6.

The 1529 deaths included 84 from small-pox, 23 from measles, 23 from scarlet fever, 4 from diphtheria, 40 from whooping-cough, 16 from different forms of fever, and 22 from diarrhoea; thus to the seven principal diseases of the zymotic class 212 deaths were referred, against 187 and 208 in the two preceding weeks. These 212 deaths were 21 below the corrected average number from the same diseases in the corresponding week of the last ten years. The fatal cases of measles, scarlet fever, diphtheria, whooping cough, and fever, were considerably below the corrected average numbers. The deaths both from measles and scarlet fever, however, exceeded those returned in recent weeks. The 40 fatal cases of whooping cough included 4 in Islington, 4 in Stepney, and 3 in Battersea. The 16 deaths referred to fever were no less than 17 below the corrected average; one was certified as typhus, 13 as enteric or typhoid, and 2 as febricula. The fatal case of typhus occurred in Islington.

The deaths from small-pox, which had been 72 and 104 in the two preceding weeks, were 84 last week: 37 were certified as unvaccinated, 23 as vaccinated, and 24 were "not stated" as to vaccination. The deaths of no less than 15 unvaccinated children under five years of age were referred to small-pox.

Of the 84 deaths from small-pox, 36 were recorded in the Metropolitan Asylum Hospitals, 3 in the Highgate Small-pox Hospital, and one in the hospital provided

by the Pancras local sanitary authority; the remaining 44, or 52 per cent. of the total cases, occurred in private dwellings. After distributing the hospital cases, it appears that 11 of the deceased small-pox patients had resided in Lambeth, 8 in Pancras, 7 in Poplar, 7 in Southwark, 6 in Bethnal Green, 5 in Bow, 5 in Newington, and 5 in Wandsworth and Clapham; in all, 6 belonged to the West, 16 to the North, 2 to the Central, 27 to the East, and 33 to the South groups of Districts. The numbers showed a general decline, but the disease continues to show the greatest proportional fatality in East London.

The Metropolitan Asylum Small-pox Hospitals contained 907 patients on Saturday last, including 108 convalescent cases at Limehouse, against 901 and 916 at the end of the two preceding weeks. The new cases admitted during the week were 230, against 238 and 205 in the two previous weeks.

The temperature and rainfall of the three winter months ending February last were remarkable. The mean temperature of these months at the Royal Observatory, Greenwich, averaged $43^{\circ}4$, and exceeded by $5^{\circ}4$ the average for the corresponding period in 100 years. During these three months the lowest recorded temperature fell below the freezing point of water on only 12 days, and showed an aggregate of but $36\cdot9$ degrees of frost. Since 1869, the winter showing the severest cold was that of 1870–1, when there were 44 frosty days, and $287\cdot3$ degrees of frost; in the winter of 1871–2 the days of frost were 12, and the degrees of frost $62\cdot2$. The measured rainfall of the past three months was 11·9 inches, which fell on 63 of the 90 days; this amount exceeded the average for the corresponding period in 60 years by 6·5 inches. In the corresponding three months of 1873–4 rain was measured on but 27 of the 90 days, to the aggregate amount of only 2·2 inches.

Different forms of violence caused 46 deaths; 40 were the result of negligence or accident, including 14 from fractures and contusions, 4 from burns and scalds, 6 from drowning, and 9 of infants under one year of age from suffocation. Two deaths were caused by horses or vehicles in the streets.

In 30, or two per cent. of the 1529 deaths registered last week, the cause of death was not certified either by registered medical practitioner or by coroner. The proportion of uncertified deaths was 4·5 in South London, whereas it did not exceed 0·8 in the remainder of the Metropolis.

GREATER LONDON.

In Greater London 3060 births and 1792 deaths were registered, equal to annual rates of 36·6 and 21·4 per 1000 of the population. Six deaths from small-pox were registered in the Outer Ring, including 3 in Stratford, and one each in Croydon, Brentford, and Edmonton sub-districts. Three fatal cases of fever occurred in Croydon, and 2 in West Ham.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 30, Bombay 40; Paris 29; Geneva 23; Brussels 21; Amsterdam 24, Rotterdam 31, The Hague 22; Copenhagen 27; Stockholm 28; Christiania 27; Berlin 26, Hamburg 26, Dresden 25, Breslau 30, Munich 36; Vienna 28, Buda-Pesth 46; Naples 44, Turin 29, Venice 28, Alexandria 41; New York 21, Brooklyn 20, Philadelphia 17, and Boston 18.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was $29\cdot78$ in.; the highest reading was $30\cdot21$ in. on Thursday March 1st, and the lowest $28\cdot96$ in. on Monday. The mean temperature of the *air* was $39^{\circ}1$, and $0^{\circ}9$ below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed an excess on Sunday, Friday, and Saturday, whereas it was considerably below the average on each of the other days of the week; on Thursday the mean was only $31^{\circ}3$, and in defect by $9^{\circ}0$, whereas on Saturday it rose to $47^{\circ}9$, and showed an excess of $7^{\circ}4$. The lowest night temperature was $23^{\circ}5$ on Thursday, and the highest day temperature in the shade $55^{\circ}2$ on Sunday; the extreme range in the week was, therefore, $31^{\circ}7$. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in *vacuo* placed on the grass, was $90^{\circ}8$ on Sunday. The difference between the mean *dew-point* and *air* temperature averaged $7^{\circ}4$. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was $41^{\circ}3$. The mean degree of *humidity* of the air was 75, complete saturation being represented by 100. The general direction of the *wind* was south-westerly, and the horizontal movement of the air averaged 16·1 miles per hour, which was 2·2 above the average in the corresponding week of 16 years. *Rain* fell on four days of the week, to the aggregate amount of 0·31 of an inch. The duration of registered sunshine in the week was 17·0 hours, of $75\cdot5$ hours during which the sun was above the horizon.

TABLE 1. BIRTHS and DEATHS registered, and METEOROLOGY,* during the Week ending Saturday the 3rd day of March 1877, in the following large TOWNS.

CITIES AND BOROUGHES.	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 3rd March 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERA- TURE OF THE AIR. (CENTI- GRADE.)	RAIN FALL.		
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centi- metres.	
Principal Boundaries, except for LONDON and DUBLIN.)												
3 Towns in the } UNITED KINGDOM }	212,881	8,144,940	38.3	5956	3782	56.0	17.4	38.4	3.55	0.74	1.88	
LONDON - - -	75,362	3,533,484	46.9	2498	1529	55.2	23.5	39.1	3.95	0.31	0.79	
BRIGHTON - - -	2,354	102,264	43.4	59	37	52.0	25.0	38.7	3.72	0.52	1.32	
PORTSMOUTH - - -	4,486	127,144	28.3	66	36	52.0	27.0	41.0	5.00	0.21	0.53	
BIRMINGHAM - - -	7,472	84,023	11.2	48	38	51.5	20.0	37.2	2.89	0.44	1.12	
LIVERPOOL - - -	1,395	72,911	52.3	47	25	52.0	27.0	42.4	5.78	0.25	0.63	
MANCHESTER - - -	4,452	202,950	45.6	143	132	52.5	21.8	40.4	4.66	0.34	0.86	
GLoucester - - -	3,396	73,389	21.6	52	32	-	-	-	-	-	-	
MANCHESTER - - -	8,400	377,436	44.9	372	176	-	-	-	-	-	-	
LEEDS - - -	3,200	117,461	36.7	107	46	54.5	22.0	37.8	3.23	1.04	2.64	
NOTTINGHAM - - -	1,996	95,025	47.6	62	49	53.2	18.1	36.9	2.72	0.56	1.42	
LIVERPOOL - - -	5,210	527,083	101.2	445	272	52.0	26.4	38.7	3.72	1.63	4.14	
MANCHESTER - - -	4,293	359,213	83.7	250	198	-	-	-	-	-	-	
GLoucester - - -	5,170	141,184	27.3	126	91	53.6	17.4	37.1	2.84	1.85	4.70	
MANCHESTER - - -	4,666	89,796	19.2	61	46	-	-	-	-	-	-	
GLoucester - - -	7,220	179,315	24.8	139	72	50.6	20.0	35.6	2.01	1.01	2.57	
GLoucester - - -	21,572	298,189	13.8	213	123	52.0	22.0	37.2	2.89	1.10	2.79	
GLoucester - - -	19,651	282,130	14.4	203	123	51.2	17.5	36.7	2.61	1.65	4.19	
GLoucester - - -	3,635	140,002	38.5	132	57	53.2	22.0	37.1	2.84	0.79	2.01	
GLoucester - - -	3,306	110,382	33.4	90	52	55.0	25.0	39.8	4.34	0.14	0.36	
GLoucester - - -	5,371	142,231	26.5	100	61	-	-	-	-	-	-	
GLoucester - - -	4,191	218,729	52.2	145	82	53.1	23.0	35.9	2.17	0.03	0.08	
GLoucester - - -	6,033	555,933	92.1	369	309	-	-	-	-	-	-	
GLoucester - - -	10,050	314,666	31.3	229	191	56.0	24.8	41.6	5.34	0.76	1.93	

For names of the Meteorological Observers in the several towns, see note at foot of Table 4.
The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by addition of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,055,612 persons, and in DUBLIN, during the Week ending Saturday the 3rd day of March 1877.

BOROUGHES, &c.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from											
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.				
In 20 Towns -	23.7	2.9	3200	749	681	103	48	65	15	79	44	36	104	181	527		
LONDON - - -	22.6	3.1	1529	334	337	84	23	23	4	40	16	22	46	90	311		
BRIGHTON - - -	18.9	2.0	37	6	10	-	-	4	-	-	-	-	2	2	-		
PORTSMOUTH - - -	14.8	0.8	36	7	4	-	-	-	-	-	2	-	-	-	3		
BIRMINGHAM - - -	23.6	7.5	38	12	8	-	8	3	-	-	1	-	1	2	3		
LYNCHMOUTH - - -	17.9	1.4	25	4	9	-	-	1	-	-	1	-	-	-	3		
STOL - - -	33.9	3.9	132	29	28	-	1	4	-	7	3	-	4	4	20		
GLoucester - - -	22.7	0.7	32	7	9	-	-	-	-	1	-	-	4	4	8		
MANCHESTER - - -	24.3	2.1	176	43	34	-	3	4	1	5	2	-	13	25	28		
LEEDS - - -	20.4	2.7	46	15	6	-	4	1	-	1	-	-	2	3	4		
NOTTINGHAM - - -	26.9	0.6	49	11	19	-	-	-	-	-	1	-	2	5	8		
LIVERPOOL - - -	26.9	2.7	272	66	48	12	-	3	2	2	7	1	12	14	45		
MANCHESTER - - -	28.8	3.6	198	45	36	1	4	6	-	9	2	3	8	15	35		
GLoucester - - -	33.6	4.8	91	22	19	4	2	-	1	2	1	3	-	3	11		
MANCHESTER - - -	26.7	3.5	46	14	10	-	-	1	-	1	1	3	1	1	1		
GLoucester - - -	21.0	1.8	72	23	12	-	-	3	1	2	-	-	2	2	6		
GLoucester - - -	21.5	2.1	123	32	24	1	1	5	-	2	1	2	1	5	5		
GLoucester - - -	23.7	3.3	128	39	32	-	-	3	5	7	3	-	2	1	15		
GLoucester - - -	21.2	1.5	57	16	14	-	2	-	1	-	-	1	1	1	5		
GLoucester - - -	24.6	2.4	52	12	10	-	-	4	-	-	-	1	-	1	5		
GLoucester - - -	22.4	1.5	61	12	12	1	-	-	-	-	3	-	3	3	11		
DUBLIN - - -	31.7	2.5	191	27	56	2	2	5	-	1	3	2	4	4	63		

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the NINTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2215	2324	2307	2259	2410	2054	2334	2536	2530	2504	2347·3	2498
Males . .	1126	1206	1144	1157	1220	1053	1150	1260	1319	1268	1190·3	1274
Females .	1089	1118	1163	1102	1190	1001	1184	1276	1211	1236	1157·0	1224
TOTAL Deaths	1295	1266	1487	1673	1591	1423	1790	1578	1880	1544	1552·7	1529
Males . .	670	668	740	811	819	746	916	765	1001	770	790·6	778
Females .	625	598	747	862	772	677	874	813	879	774	762·1	751

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867–76, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Dec. 9.	Dec. 16.	Dec. 23.	Dec. 30.	Jan. 6.	Jan. 13.	Jan. 20.	Jan. 27.	Feb. 3.	Feb. 10.	Feb. 17.	Feb. 24.	Mar. 3.
TOTAL Deaths . . .	1446	1443	1456	1510	1507	1358	1491	1425	1528	1504	1462	1495	1529
0—20 . . .	626	678	626	713	673	565	693	636	673	648	653	675	700
20—40 . . .	232	221	256	183	229	218	244	226	214	215	234	206	232
40—60 . . .	256	242	256	274	277	261	258	254	292	262	248	289	258
60—80 . . .	278	247	272	280	278	265	217	251	289	317	263	263	289
at 80 years & upwds.	54	55	46	60	50	49	79	58	60	62	64	62	48
Deaths of children { Under 1 year . . .	324	351	313	357	340	263	367	331	337	317	334	323	334
{ 1—5 . . .	195	238	217	254	222	202	219	209	241	212	215	259	246
{ 5—20 . . .	107	89	96	102	111	100	107	96	95	119	104	93	122
Deaths from 7 principal Zymotic Diseases {	197	236	237	235	253	214	210	204	231	207	187	208	212
„ „ Small-pox . . .	50	75	97	75	116	100	79	86	103	90	72	104	84
„ „ Measles . . .	24	31	30	40	28	24	17	22	22	21	18	14	23
„ „ Scarlet fever . . .	42	54	37	29	25	23	42	21	23	14	19	16	23
„ „ Diphtheria . . .	8	6	8	9	12	4	5	3	4	7	6	5	4
„ „ Whooping-cough . . .	28	23	23	34	32	25	31	40	41	44	38	38	40
„ „ Typhus fever . . .	—	3	5	5	3	3	5	4	5	2	7	2	1
„ „ Enteric (or Typhoid) fever . . .	24	21	15	16	14	17	10	14	14	11	9	11	13
„ „ Simple Contag fever . . .	6	4	5	6	5	2	3	3	1	7	2	4	2
„ „ Diarrhœa . . .	15	19	17	21	18	16	18	11	18	11	16	14	22
„ „ Simple Cholera . . .	—	—	—	1	1	—	—	—	—	—	—	—	—
„ „ Dis. of Respiratory Organs {	315	282	305	352	298	291	290	304	375	381	355	303	355
„ „ Phthisis . . .	150	170	168	149	134	139	166	147	156	173	166	168	169
„ „ Heart Diseases . . .	94	87	78	91	101	75	81	96	95	101	96	84	95
Violent Deaths . . .	60	50	54	71	89	51	55	52	45	51	45	54	46
Inquest Cases . . .	104	97	93	123	170	96	101	91	95	111	83	120	90
Deaths in Public Institutions	307	292	297	293	335	297	316	283	319	317	275	329	311
TEMPERATURE OF THE AIR:													
Mean . . .	47·5	42·5	39·9	43·3	46·8	41·5	45·5	39·0	43·0	46·3	46·4	40·4	39·1
Mean of Highest readings . . .	51·0	45·5	44·0	46·9	50·9	46·2	49·8	46·8	48·7	52·2	51·8	45·8	46·6
Mean of Lowest readings . . .	44·3	38·8	35·8	39·0	42·0	37·4	39·7	30·7	36·7	40·5	42·2	35·7	33·2
Mean Temperature of the Water of the Thames {	46·9	43·2	42·7	38·5	44·9	44·6	42·7	43·2	41·0	44·1	47·5	44·4	41·3
Humidity of the Air . . .	88	89	92	92	87	90	90	87	84	85	82	79	75
Rain-fall in inches . . .	1·40	0·24	2·19	1·23	1·34	1·96	0·39	0·40	0·42	0·06	0·78	0·68	0·31
Registered Sunshine (in hours)	3·3	2·0	0·4	0·0	2·0	1·3	0·8	11·2	5·3	2·3	9·3	9·8	17·0

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the NINTH Week of the Year 1877.

CAUSES OF DEATH.	Average in the Ninth Weeks of the 10 years 1867-76.*	In the Week ending Saturday, March 3, 1877.								CAUSES OF DEATH.	Average in the Ninth Weeks of the 10 years 1867-76.	In the Week ending Saturday, March 3, 1877.							
		Deaths of Persons of the Ages										Deaths of Persons of the Ages							
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Temperature -	41°5	Mean Tem. 39°1	0-1.	1-5.	5-20.					Mean Temperature -	41°5	Mean Tem. 39°1	0-1.	1-5.	5-20.				
CAUSES -	1552·7	1529	334	246	122	232	258	289	48	9. Stricture of Intestines	1°0	2	-	-	-	1	1	-	-
IFIED CAUSES	1545·3	1527	332	246	122	232	258	289	48	10. Fistula -	°5	1	-	-	-	1	-	-	-
ITIC DISEASES.										11. Stomach Disease, &c. -	5°5	4	-	-	1	-	1	2	-
ORDER 1.										12. Pancreas Disease, &c. -	°1	-	-	-	-	-	-	-	-
ill-pox -	35°2	84	6	16	27	24	8	3	-	13. Hepatitis -	4°0	2	-	-	-	-	-	2	-
les -	28°0	23	7	14	2	-	-	-	-	14. Jaundice -	4°7	3	1	-	-	-	-	2	-
let Fever	36°5	23	-	14	9	-	-	-	-	15. Liver Disease, &c. -	20°0	24	-	-	-	7	10	7	-
theria	7°1	4	-	3	1	-	-	-	-	16. Spleen Disease, &c. -	°4	-	-	-	-	-	-	-	-
sy	7°4	-	-	-	-	-	-	-	-										
ap	17°2	14	1	11	2	-	-	-	-	ORDER 5.									
oping-cough	66°1	40	16	22	2	1	-	-	-	1. Nephritis -	2°3	4	-	-	-	2	2	-	-
us	31°0	13	-	-	6	6	1	-	-	2. Ischuria -	°5	-	-	-	-	-	-	-	-
eric or Typhoid Fev.	7°3	6	3	-	-	-	1	2	-	3. Bright's Dis. (Nephria)	12°2	21	-	-	2	6	9	2	2
ple continued Fev.	4°8	3	-	-	-	2	1	-	-	4. Diabetes -	2°1	8	-	-	-	-	5	3	-
ipelas	°9	1	-	-	-	1	-	-	-	5. Calculus (Stone)	1°0	-	-	-	-	-	-	-	-
eral Fev. (Metria)	1°1	-	-	-	-	-	-	-	-	6. Cystitis -	°9	-	-	-	-	-	-	-	-
uncle	°9	2	-	-	-	1	-	1	-	7. Kidney Disease, &c. -	7°7	12	-	-	-	2	3	6	1
enza	14°1	22	9	4	-	1	2	5	1	ORDER 6.									
ntery	°2	-	-	-	-	-	-	-	-	1. Ovarian Dropsy -	°6	-	-	-	-	-	-	-	-
rhoea	°2	-	-	-	-	-	-	-	-	2. Uterus Disease, &c. -	4°0	4	-	-	-	1	3	-	-
le Cholera	8°0	10	-	2	1	6	2	1	-	ORDER 7.									
ntent Fever	1°0	2	-	-	-	-	-	-	-	1. Synovitis (Arthritis)	°3	-	-	-	-	-	-	-	-
umatism	-	-	-	-	-	-	-	-	-	2. Joint Disease, &c. -	4°8	12	-	2	3	2	4	1	-
er Zymotic Diseases	-	-	-	-	-	-	-	-	-	ORDER 8.									
ORDER 2.										1. Phlegmon -	1°9	5	1	-	-	2	1	1	-
illitis	8°6	8	5	1	-	1	-	1	-	2. Ulcer -	°9	1	-	-	-	-	-	1	-
ture of Urethra -	2°1	-	-	-	-	-	-	-	-	3. Skin Disease, &c. -	1°5	1	1	-	-	-	-	-	-
rophobia	°4	-	-	-	-	-	-	-	-	IV. DEVELOPMENTAL DISEASES.									
nders	-	-	-	-	-	-	-	-	-	ORDER 1.									
ORDER 3.										1. Premature Birth -	20°9	23	23	-	-	-	-	-	-
ation -	°8	-	-	-	-	-	-	-	-	2. Cyanosis -	2°1	-	-	-	-	-	-	-	-
at of Breast-milk-	9°0	10	10	-	-	-	-	-	-	3. Spina Bifida -	1°0	1	1	-	-	-	-	-	-
ura and Scurvy -	2°4	2	-	1	-	1	-	-	-	4. Other Malformations	2°7	1	1	-	-	-	-	-	-
o- { a Del. Tremens	1°1	1	-	-	-	1	-	-	-	5. Teething -	18°5	15	7	8	-	-	-	-	-
o- { Intemperance	°9	-	-	-	-	-	-	-	-	ORDER 2.									
ORDER 4.										1. Paramenia -	°4	-	-	-	-	-	-	-	-
ush -	2°1	4	3	-	-	-	-	1	-	2. Childbirth (see Puer- peral Fever) -	5°0	8	-	-	-	7	1	-	-
ms, &c. -	°1	-	-	-	-	-	-	-	-	ORDER 3.									
STITUTIONAL.										1. Old Age -	57°3	43	-	-	-	-	-	19	24
ORDER 1.										ORDER 4.									
t -	2°4	6	-	-	-	1	2	3	-	1. Atrophy and Debility	59°9	55	40	4	1	-	4	6	-
psy -	11°4	7	-	1	-	-	4	2	-	V. VIOLENT DEATHS, &c.									
er -	33°2	33	-	-	-	7	11	15	-	ORDER 1.									
erum Oris (Noma)	°4	1	-	1	-	-	-	-	-	(ACCIDENT OR NEGLIGENCE.)									
tification	3°6	3	1	-	-	-	-	2	-	1. Fractures & Contusions	16°6	14	-	1	1	3	4	4	1
ORDER 2.										2. Wounds { Gunshot	°8	-	-	-	-	-	1	-	-
ofula -	9°1	14	5	5	3	1	-	-	-	3. Burns and Scalds -	7°0	4	1	-	1	-	1	1	-
es Mesenterica	18°2	33	19	13	1	-	-	-	-	4. Poison -	°5	1	-	-	-	-	1	-	-
hisis -	168°6	169	2	2	24	75	55	10	1	5. Drowning -	4°1	6	-	-	2	1	2	1	-
rocephalus -	31°2	33	10	20	3	-	-	-	-	6. Suffocation -	11°2	9	9	-	-	-	-	-	-
CAL DISEASES.										7. Otherwise -	2°8	5	5	-	-	-	-	-	-
ORDER 1.										ORDER 3.									
halitis -	19°2	21	7	7	5	1	-	1	-	(HOMICIDE.)									
plexy -	42°8	50	4	1	1	5	14	21	4	1. Murder & Manslaughter	2°4	2	1	-	-	1	-	-	-
alysis -	36°0	24	-	-	1	2	9	11	1	ORDER 4.									
anity -	1°8	2	-	-	-	-	1	1	-	SUICIDE.)									
orea -	°4	2	1	-	-	-	-	1	-	1. Wounds { Gunshot	°4	-	-	-	-	-	-	-	-
lepsy -	6°7	9	-	-	-	4	-	5	-	2. Poison -	1°1	1	-	-	1	-	-	-	-
evulsions -	59°8	50	38	11	1	-	-	-	-	3. Drowning -	1°3	-	-	-	-	-	-	-	-
in Disease, &c. -	19°3	18	1	-	-	4	5	8	-	4. Hanging -	1°2	3	-	-	-	1	2	-	-
ORDER 2.										5. Otherwise -	°3	-	-	-	-	-	-	-	-
icarditis -	2°5	3	-	-	-	3	-	-	-	ORDER 5.									
urism -	2°8	2	-	-	-	-	2	-	-	(EXECUTION.)									
art Disease, &c. -	74°5	90	-	-	8	21	25	33	3	1. Hanging -	-	-	-	-	-	-	-	-	-
ORDER 3.										Violent Deaths (not classed)	°8	-	-	-	-	-	-	-	-
ngyngitis -	14°0	21	7	10	1	2	1	-	-	Sudden Deaths (Cause	1°6	-	-	-	-	-	-	-	-
chchitis -	244°7	228	51	47	2	13	29	79	7	unascertained) -	-	-	-	-	-	-	-	-	-
urisy -	5°2	5	-	1	-	1	2	1	-	Causes not specified or	5°8	2	2	-	-	-	-	-	-
umonia -	92°7	64	25	16	3	6	8	6	-	ill-defined -	-	-	-	-	-	-	-	-	-
hma -	15°1	9	-	-	-	-	4	4	1										
ng Disease, &c. -	22°4	28	9	4	3	-	11	1	-										
ORDER 4.																			
tritis -	1°9	-	-	-	-	-	-	-	-										
teritis -	5°5	4	-	2	1	-	1	-	-										
itonitis -	5°0	8	1	-	2	2	1	2	-										
mites -	2°2	1	-	-	-	-	1	2	-										
beration of Intestines	2°2	5	-	1	-	1	1	1	-										
ernia -	3°7	10	-	-	-	-	1	1	2										
is -	2°3	3	-	-	-	-	1	1	-										
ussusception	1°0	-	-	-	-	-	-	-	-										

These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1877.

E.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include														In- quest Cases.
					Deaths of		Deaths from												
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhea.	Violence.			
LONDON		3,254,260	2498	1529	334	337	84	23	23	4	40	1	13	2	22	46	90		
WEST DISTRICTS.																			
St. Mary Paddington WH		561,359	365	240	43	57	1	1	7	2	6	-	1	-	3	6	14		
St. John Paddington H		751,729	505	362	87	77	44	4	5	1	8	1	5	1	4	13	29		
Kensington Town W		334,369	193	137	28	31	1	4	2	-	3	-	-	-	1	5	9		
Brompton H		639,111	550	305	61	57	16	8	6	1	11	-	3	1	4	9	24		
SOUTH DISTRICTS.		967,692	885	485	115	115	22	6	3	-	12	-	4	-	10	13	14		
St. Peter Hammersmith		6662	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Paul Hammersmith H		36029	25	15	5	4	-	-	1	-	-	-	-	-	-	-	-		
Fulham WH		23350	25	11	2	4	-	-	1	1	-	-	-	-	-	-	-		
Chelsea South HHH		26420	14	8	2	2	-	-	-	1	-	-	-	-	-	-	2		
Chelsea North-west WHHHH		22926	16	11	-	4	-	-	-	-	1	-	-	-	1	-	-		
Chelsea North-east		21392	24	7	-	1	-	-	2	-	-	-	-	-	-	-	-		
Hanover Square H		18693	6	4	-	2	-	-	-	-	1	-	-	-	-	-	-		
May Fair WW		13358	6	3	1	3	-	-	-	-	2	-	-	-	-	-	-		
Belgrave HH		57972	36	33	5	7	1	-	-	-	-	-	-	-	-	2	3		
St. John Westminster HH		38478	29	18	5	2	-	-	1	-	-	-	-	-	-	-	1		
St. Margaret Westminster WH		27781	12	14	1	4	-	1	-	-	-	-	-	-	-	2	2		
Golden Square WH		12860	11	5	-	1	-	-	-	-	-	-	-	-	-	-	-		
Berwick-street H		20759	11	7	3	1	-	-	-	-	-	-	-	-	-	-	-		
St. Anne Soho HHHHH		17562	9	6	2	-	-	-	1	-	-	-	-	-	-	-	-		
NORTH DISTRICTS.																			
All Souls Marylebone HHHH		28579	10	22	4	5	-	-	-	-	-	-	-	-	-	2	2		
Cavendish Square HH		15425	4	5	1	1	-	-	-	-	-	-	-	-	-	-	-		
Rectory Marylebone WH		26384	14	18	4	4	-	1	-	-	1	-	-	-	2	-	1		
St. Mary Marylebone HHH		21786	12	5	-	4	-	-	-	-	-	-	-	-	-	-	1		
Christchurch Marylebone H		33944	20	12	2	4	-	-	-	-	-	-	-	-	-	-	1		
St. John Marylebone H		33136	10	11	1	3	-	-	1	-	-	-	1	-	1	1	-		
Hampstead WvHH		32281	29	22	3	1	14	-	-	-	-	-	-	-	-	-	1		
Regent's Park Pancras H		38200	19	17	6	4	1	-	-	-	-	-	1	-	-	2	2		
Tottenham-court WHHH		29370	11	16	3	4	-	-	-	-	1	-	-	-	2	1	1		
Gray's Inn Lane HH		29221	16	9	2	2	-	-	-	-	1	-	-	-	-	1	1		
Somers Town		38533	16	18	5	4	1	-	1	-	1	-	-	-	1	1	1		
Camden Town W		17943	8	18	8	3	1	-	-	-	-	-	-	-	2	6	1		
Kentish Town w		68198	48	24	6	5	1	1	1	-	-	-	1	-	-	2	2		
Islington West HHH		97820	89	41	11	4	3	-	-	-	2	-	-	-	1	-	3		
Islington East WvWH		115953	89	49	13	16	2	2	1	-	2	1	-	1	-	1	3		
Stoke Newington H		9841	10	4	1	1	-	-	-	-	-	-	-	-	-	-	-		
Stamford Hill		6598	8	3	2	1	-	-	-	-	-	-	-	-	-	-	1		
West Hackney		28069	23	8	3	1	-	-	-	-	-	-	-	-	-	-	1		
Hackney WvWH		50104	49	45	9	8	19	-	-	1	-	-	2	-	-	1	2		
South Hackney		30339	20	15	3	2	2	-	1	-	-	-	-	-	-	-	2		
CENTRAL DISTRICTS.																			
St. George Bloomsbury		17853	7	6	1	-	-	-	-	-	-	-	-	-	-	-	1		
St. Giles South WH		19109	13	18	7	4	-	2	1	-	-	-	-	-	-	1	4		
St. Giles North		16594	12	4	-	2	-	-	-	-	-	-	-	-	-	-	-		
Long Acre		11379	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-		
Charing Cross HH		9859	2	6	-	1	-	-	-	-	-	-	-	-	-	-	-		
St. Mary-le-Strand		9378	2	3	-	2	-	-	-	-	-	-	-	-	-	-	-		
St. Clement Danes H		10723	8	10	3	2	-	-	-	-	-	-	-	-	-	-	-		
St. George-the-Martyr HHHHH		20521	5	4	1	1	-	-	-	-	-	-	-	-	1	-	-		
St. Andrew Eastern W		13529	5	8	-	3	-	-	-	-	-	-	-	-	-	-	-		
Saffron Hill H		9066	7	3	1	1	-	-	-	-	-	-	-	-	-	-	-		
St. James Clerkenwell W		18917	14	9	1	-	-	-	-	-	1	-	-	-	-	1	1		
Amwell Clerkenwell		16884	20	7	2	2	-	-	-	-	-	-	-	-	-	-	-		
Pentonville		13337	14	4	2	1	-	-	-	-	-	-	-	-	-	-	-		
Goswell-street		16242	15	2	-	1	-	-	-	-	-	-	-	-	-	-	-		
Old-street H		12161	6	3	2	-	-	-	-	-	-	-	-	-	-	1	-		
City-road HHL		18301	18	11	3	3	-	1	-	-	1	-	-	-	-	-	-		
Whitecross-street		13792	13	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
Finsbury		10741	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
St. Botolph East London H		14540	7	5	2	-	-	-	-	-	-	-	-	-	-	-	-		
Cripplegate		13638	5	5	1	2	-	-	-	-	-	-	-	-	-	-	-		
St. Sepulchre H		7562	4	11	-	-	-	-	-	-	1	-	-	-	-	-	-		
St. Bride W		11185	3	4	2	1	-	1	-	-	-	-	-	-	-	1	1		
Castle Baynard		4426	1	2	-	1	1	-	-	-	-	-	-	-	-	-	-		
Christchurch		6270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Queenhithe		4753	-	3	-	1	-	-	-	-	-	-	-	-	-	1	2		
Allhallows Barking		5764	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Broad Street H		7845	-	2	-	1	-	-	1	-	-	-	-	-	-	-	-		

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page.

R, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT day, 3rd March 1877.

REGISTRATION SUB-DISTRICTS.	Enu- me- rated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include														Deaths in Public Institutions.
				Deaths of		Deaths from												
				Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.		
EAST DISTRICTS.																		
Well Shoreditch - - -	12430	3	4	-	-	-	-	-	-	-	-	-	-	-	2	1	-	
Leonard Shoreditch HL† - - -	16545	9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
On New Town w - - -	27835	28	6	2	1	1	-	-	-	-	-	-	-	-	-	-	-	
On Old Town - - -	26933	25	7	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
Erston West W - - -	24162	25	18	7	4	-	-	-	-	-	-	1	-	-	-	-	4	
Erston East H - - -	19259	19	8	1	3	1	-	-	-	-	-	-	-	-	2	2	-	
ney-road - - -	29822	30	20	2	3	1	2	-	-	1	-	-	-	-	-	-	-	
n, Bethnal Green WHL† - - -	42433	32	30	5	5	2	1	5	-	1	-	-	-	-	-	1	9	
h, Bethnal Green - - -	26577	25	13	2	2	-	1	-	-	-	-	-	-	-	-	1	-	
, Bethnal Green - - -	21272	26	6	1	-	2	-	-	-	-	-	-	-	-	-	-	-	
fields H - - -	22499	12	3	-	-	-	1	-	-	-	-	-	-	-	-	-	-	
End New Town W - - -	15550	16	9	-	5	-	-	-	-	1	-	-	-	-	-	1	5	
eechapel North - - -	11597	6	3	-	1	-	1	-	-	-	-	-	1	-	-	-	-	
eechapel Church H - - -	7322	4	16	1	2	-	-	-	-	1	-	1	-	-	-	-	12	
man's Fields - - -	10381	3	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
ate - - -	9224	6	5	-	-	-	-	-	-	-	-	1	-	-	1	2	-	
ary St. George East - - -	17900	14	3	1	-	-	-	-	-	-	-	-	-	1	-	-	-	
aul St. George East - - -	21350	22	13	7	2	2	-	-	-	-	-	-	-	-	1	2	-	
ohn St. George East W - - -	8802	3	11	1	4	-	-	-	-	-	-	-	-	1	-	-	8	
well - - -	11640	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
iff H - - -	16131	8	7	2	-	-	-	1	-	2	-	-	-	-	-	-	1	
house W - - -	29919	27	14	4	-	-	-	-	-	2	-	-	-	-	-	2	-	
End Old Town Western - - -	38128	20	17	5	4	-	1	-	-	1	-	-	-	-	-	1	-	
End Old Town Eastern WwvH - - -	55024	54	18	2	5	-	-	-	-	-	-	-	-	-	-	4	2	
wvH† - - -	67765	76	51	9	12	4	1	2	-	1	-	-	-	1	3	7	13	
r WW - - -	48611	51	14	5	3	3	-	-	1	1	-	-	-	1	-	-	3	
SOUTH DISTRICTS.																		
atchurch Southwark WH - - -	14573	11	6	1	3	-	-	-	-	-	-	-	-	-	-	-	3	
aviour Southwark H - - -	15677	12	8	4	-	1	2	-	-	-	-	-	-	-	1	1	-	
-road - - -	20421	19	11	1	3	-	-	-	-	-	-	-	-	-	-	1	-	
ugh-road WH - - -	16695	8	8	1	2	-	-	-	-	1	-	-	-	-	-	1	1	
on-road HL - - -	18961	17	7	3	1	-	-	-	-	-	-	-	-	-	-	1	-	
ty Newington - - -	23682	16	11	1	3	-	-	-	-	-	-	-	-	-	1	1	-	
eter Walworth W - - -	48248	70	35	10	8	1	-	1	-	1	-	-	-	1	-	-	9	
ary Newington - - -	16792	15	8	1	2	1	-	-	-	-	-	-	-	-	-	-	-	
lave Southwark H - - -	4373	1	8	-	-	-	-	-	-	-	-	-	-	-	-	-	8	
ohn Horsleydown W - - -	10500	9	4	-	1	-	-	-	-	-	-	-	-	-	-	-	2	
ier Market - - -	16787	15	6	3	1	-	-	-	-	-	-	1	-	-	-	-	-	
ary Magdalen W - - -	15709	14	14	3	7	-	-	-	-	-	-	-	-	1	-	-	4	
ames Bermondsey - - -	47933	42	21	8	5	2	-	-	-	-	-	-	-	-	-	-	-	
erhithe W - - -	27096	32	13	3	8	-	1	-	-	-	-	-	-	1	1	1	-	
erloo-road 1st H - - -	14074	14	11	6	-	-	1	-	-	-	-	-	-	-	-	-	1	
erloo-road 2nd H - - -	18465	23	6	3	-	-	-	-	-	-	-	-	-	-	1	1	-	
beth Church 1st H - - -	19492	17	25	1	4	4	1	-	-	-	-	-	-	-	1	1	11	
beth Church 2nd WW - - -	35833	46	23	6	8	-	1	-	-	-	-	-	-	2	2	2	4	
ington 1st - - -	41286	23	20	6	1	-	-	-	-	1	-	-	-	-	-	-	-	
ington 2nd - - -	31221	26	10	3	-	1	-	-	-	2	-	-	-	-	-	-	-	
on w - - -	35435	35	29	4	4	7	-	-	-	-	-	2	-	-	2	1	6	
wood W - - -	12536	18	5	1	1	-	-	-	-	-	-	-	-	1	-	-	-	
ham H - - -	27347	18	11	1	7	-	-	-	-	1	-	-	-	1	-	-	2	
erseae Ww - - -	54016	66	45	15	7	3	-	-	-	3	-	1	-	-	-	1	3	
dworthe HL - - -	19783	10	8	-	-	-	-	-	1	-	-	-	-	1	-	-	4	
ey - - -	9439	9	4	-	-	-	-	-	-	-	-	-	-	1	-	-	-	
atham - - -	14475	6	6	-	2	-	-	-	-	-	-	-	-	-	-	-	-	
rich - - -	4041	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
berwell WL†L† - - -	31254	27	19	4	3	1	-	-	-	-	-	-	-	-	1	1	9	
ham W - - -	42160	56	11	1	5	-	-	-	-	-	-	-	-	-	-	-	-	
George Camberwell - - -	33851	39	10	5	2	1	-	-	-	-	-	-	-	-	1	1	-	
Paul Deptford - - -	53714	53	13	4	4	-	-	-	-	1	-	-	-	-	-	-	-	
Nicholas Deptford - - -	6474	4	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
nwich West - - -	21034	9	6	2	2	-	-	-	-	-	-	-	-	-	-	-	-	
nwich East WH - - -	18578	14	9	1	3	-	-	-	-	-	-	-	-	-	1	1	6	
am H - - -	4539	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
- - -	16440	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
asham Village WH - - -	11513	14	5	1	2	-	-	1	-	-	-	-	-	-	-	-	-	
inham H - - -	19065	10	9	5	1	-	-	-	-	-	-	-	-	1	1	-	-	
lton H - - -	9564	5	3	-	2	-	-	-	-	1	-	-	-	-	-	-	-	
lwich Dockyard - - -	17226	14	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
lwich Arsenal WHH - - -	18331	17	8	3	3	-	-	-	-	-	-	-	-	-	-	-	-	
instead West - - -	13027	8	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
instead East W - - -	15232	7	12	1	8	-	-	-	-	1	-	-	-	-	-	-	9	

the following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by w:—

Central London Sick Asylum in Tottenham-court sub-district.	London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Kentish Town sub-district.	Stepney Bow sub-district.
London City Workhouse in Islington East sub-district.	Poplar & Stepney Sick Asylum
Holborn Infirmary	Westminster Union Industrial School in Battersea sub-district.
London City Workhouse " Hackney sub-district.	Small-pox and Fever Hospitals in Hampstead, Hackney, and Brixton sub-districts.
Holborn " " Hoxton New Town sub-district.	
Whitechapel " " Mile End Old Town Eastern sub-dist.	

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 3rd March 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enume- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include											
						Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.		
	LONDON—OUTER RING	368,414	631,381	562	263	56	73	6	5	5	1	3	8	3	6	10	35
29:1	Carshalton <i>W</i> - - -	12228	13523	11	1	-	-	-	-	-	-	-	-	-	-	-	-
2	Epsom (<i>part of</i>) * <i>WH</i> -	9971	9145	6	4	-	2	-	-	-	-	-	-	-	-	-	3
36:1	Godstone (<i>part of</i>) * - -	2754	900	-	3	1	-	-	-	-	-	-	-	-	-	-	-
37:1	Croydon <i>WWH</i> - - -	20851	71319	74	31	5	9	1	-	-	1	1	3	-	1	3	6
2	Mitcham <i>WH</i> - - -	11697	12534	15	5	1	3	-	-	-	-	-	-	-	-	-	-
38:1	Wimbledon <i>HH</i> - - -	3220	9087	11	4	2	2	-	-	-	-	1	-	-	-	-	-
2	Kingston <i>WH</i> - - -	8549	27489	25	15	5	3	-	-	2	-	1	-	1	2	2	2
3	Esher (<i>part of</i>) * - - -	6601	7353	2	2	-	2	-	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	3	5	1	2	-	1	-	-	-	1	-	-	-	-
39:1	Richmond <i>WH</i> - - -	2271	16829	10	7	-	2	-	1	1	-	-	-	-	-	-	1
2	Mortlake - - - -	2961	9316	6	4	1	-	-	-	-	-	-	-	-	-	-	-
40:1	Bromley (<i>part of</i>) * <i>HH</i> -	15669	19509	23	4	1	1	-	-	-	-	-	-	-	-	-	-
2	Chislehurst (<i>part of</i>) * <i>W</i> -	13665	10028	5	3	1	-	-	-	-	-	-	-	-	-	-	-
41:1	Bexley <i>H</i> - - - -	13439	19566	16	4	1	-	-	-	-	-	-	1	-	-	-	-
123:1	Sunbury <i>W</i> - - - -	11055	9860	9	2	-	1	-	-	-	-	-	-	-	-	-	-
2	Staines <i>W</i> - - - -	13277	10339	12	4	2	1	-	-	-	-	-	-	-	-	-	1
124:1	Hillingdon <i>WH</i> - - -	6029	9712	7	2	-	2	-	-	-	-	-	-	-	-	-	1
2	Uxbridge - - - -	6178	5329	8	1	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes <i>WL</i> - - - -	14587	10497	7	13	2	3	-	-	1	-	-	-	-	1	1	7
125:1	Isleworth <i>W</i> - - - -	7008	19930	10	12	1	3	-	-	1	-	-	1	-	-	-	-
2	Twickenham - - - -	2477	10533	5	4	1	-	-	-	-	-	-	-	-	1	1	-
3	Brentford <i>HL</i> - - - -	4370	20279	12	7	2	2	1	-	-	-	-	-	-	-	-	-
4	Chiswick - - - -	1311	8508	5	1	-	-	-	-	-	-	-	-	-	-	-	-
5	Acton <i>WH</i> - - - -	6087	12683	15	5	2	1	-	-	-	-	-	-	-	1	1	-
126:1	Harrow <i>H</i> - - - -	13809	10869	10	2	-	1	-	-	-	-	-	-	-	-	-	-
2	Edgware - - - -	6994	3450	1	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	16	6	-	2	-	-	-	-	-	-	-	-	-	-
4	Hendon <i>WH</i> - - - -	8382	6972	12	-	-	-	-	-	-	-	-	-	-	-	-	-
127:1	South Mimms - - - -	15419	5924	-	2	-	1	-	-	-	-	-	-	-	-	-	-
2	Barnet <i>W</i> - - - -	5423	7752	9	2	1	1	-	-	-	-	-	-	-	-	-	1
3	Finchley <i>L</i> - - - -	4688	11493	5	3	-	2	-	-	-	-	-	-	1	-	-	-
128:1	Hornsey <i>H</i> - - - -	3039	19357	17	7	3	1	-	1	-	-	-	-	-	-	-	-
2	Tottenham <i>H</i> - - - -	4642	22869	18	6	-	1	-	-	-	-	-	-	-	-	-	-
3	Edmonton <i>WW</i> - - - -	7483	13860	10	14	-	8	1	-	-	-	-	-	-	-	-	11
4	Enfield <i>WH</i> - - - -	12653	16054	5	4	1	1	-	-	-	-	-	-	-	-	-	-
5	Waltham Abbey - - - -	11017	5197	6	1	-	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	3	4	1	-	-	-	-	-	-	-	-	-	1	-
124:1	Hatfield (<i>part of</i>) * - - -	3180	559	4	-	-	-	-	-	-	-	-	-	-	-	-	-
136:1	Bushey - - - -	9028	6472	4	5	1	-	-	1	-	-	-	-	-	-	-	-
185:1	Stratford - - - -	882	23286	30	15	6	1	3	1	-	-	-	-	-	-	-	-
2	West Ham <i>WWWW</i> - - -	7345	44642	64	29	8	5	-	-	-	-	-	2	-	-	-	-
3	Leyton <i>WW</i> - - - -	4274	15513	20	7	1	3	-	-	-	-	-	-	-	-	-	2
4	Walthamstow <i>H</i> - - - -	6619	15701	15	6	3	3	-	-	-	-	-	-	1	-	-	-
186:1	Chigwell (<i>part of</i>) * <i>H</i> -	10483	8169	4	2	1	1	-	-	-	-	-	-	-	-	-	-
188:1	Romford (<i>part of</i>) * - - -	6730	2879	4	1	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - - -	8492	5947	1	2	1	1	-	-	-	-	-	-	-	-	1	-
3	Barking Town - - - -	4128	6576	7	2	-	2	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:—
 29:2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36:1, the two parishes of Warlingham and Farley in Godstone sub-district; 38:3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40:1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40:2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134:1, only the parish of Northaw in Hatfield sub-district; 186:1, the whole of the Chigwell sub-district, except the parish of Thoidon-Bois (pop. 798); 188:1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 3rd March 1877.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from										Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.			
EATER LONDON	446,494	4,367,547	21·4	2·9	1792	390	410	90	28	28	5	43	24	25	52	346		
INNER LONDON -	78,080	3,533,484	22·6	3·1	1529	834	337	84	23	23	4	40	16	22	46	311		
OUTER RING -	368,414	834,063	16·5	1·9	263	56	73	6	5	5	1	3	8	3	6	35		

NOTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 7·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 26 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA -	429,535	January 27	-	246	29·9	Fevers 54; cholera 44.
BOMBAY -	644,405	" 23	-	493	39·9	Small-pox 18.
MADRAS -	397,552	" 19	-	-	-	-
PARIS -	1,851,792	March 1	-	1032	29·1	Typhoid fever 25; small-pox 3.
GENEVA* -	67,829	February 24	35	30	23·1	-
BRUSSELS -	188,609	" 24	108	77	21·3	Small-pox 3.
AMSTERDAM -	239,981	" 24	256	132	23·7	Typhoid fever and typhus 2.
ROTTERDAM -	136,231	" 24	105	81	31·0	-
THE HAGUE -	104,095	" 24	95	43	21·6	Croup 2.
COPENHAGEN -	215,000	" 20	139	111	26·9	Whooping-cough 6.
STOCKHOLM -	144,305	" 17	-	78	28·2	Scarlet fever 8; diphtheria 4.
CHRISTIANIA -	79,000	" 24	66	41	27·1	Measles 2; scarlet fever 2.
BERLIN -	994,343	" 10	831	500	26·2	Scarlet fever 13.
HAMBURG(State)	388,618	" 17	301	193	25·9	Measles 4.
DRESDEN -	202,295	" 17	-	95	24·5	Scarlet fever 3.
BRESLAU -	246,813	" 24	200	141	29·8	Small-pox 1.
MUNICH -	209,000	" 24	-	144	35·9	Diphtheria and croup 5.
VIENNA -	714,548	" 24	551	387	28·3	Small-pox 13; diphtheria 18.
BUDA-PESTH -	315,401	" 17	282	278	45·8	Diphtheria 6; small-pox 2.
ROME -	262,428	January 21	-	-	-	-
NAPLES -	454,948	February 11	-	332	43·8	Diphtheria 7.
TURIN -	223,488	" 17	131	124	29·0	Typhoid fever and typhus 4.
VENICE -	139,796	" 17	66	91	28·0	-
ALEXANDRIA -	212,034	" 17	220	163	41·3	Whooping-cough 5.
NEW YORK -	1,069,370	" 10	-	423	20·6	Scarlet fever 31; diphtheria 15.
BROOKLYN -	527,830	" 10	-	200	19·8	Scarlet fever 17; diphtheria 14.
PHILADELPHIA -	850,856	" 10	-	270	16·6	Typhoid fever 6; small-pox 8.
BOSTON -	352,000	" 10	-	124	18·4	Diphtheria 6; scarlet fever 4.

* With suburbs, including Cent, Plain-palais, and Eaux-Vives.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 3rd MARCH, 1877.
[Under the Superintendence of the Astronomer Royal.]

MOON.		BARO-METER.	READINGS OF THERMOMETERS.										DIFFERENCE				WIND.				RAIN.					
			Dry		Dew Point.		Highest in the sun, as shown by a self-registering thermo-meter with bulb in vacuo, placed on the Grass.		Lowest on the Grass, as shown by a self-registering thermo-meter.		In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between Dew Point Temperature and Air Temperature.		Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*		As deduced from Anemometers.		Collected in a Gauge whose surface is 5 in. above the ground.							
Phases of Moon.		Mean daily reading (corrected and reduced to 32 deg. Fahrenheit).	High-est.	Low-est.	Range in day.	Mean daily value.	Mean daily value.	Thermo-meter.	Minimum.	registering.	self-registering.	Thermometers.	Mean daily value.	Great-est.	Least.	Mean daily value.	Great-est.	Least.		Mean of 24 Obs.	Amount of Horizontal Movement of Air of each day.	Depart-ure from Average of 16 years.	Inches			
FEBRUARY.		in.																								
SUN.	25	29.244	55.2	44.0	11.2	47.7	40.6	90.8	38.6	42.8	40.8	7.1	13.0	2.6	8.2	76	W. & WSW.	WSW.	11.3	0.1	1.9	633	+ 318	0.01	6.3	
MON.	26	29.304	45.2	32.0	13.2	37.7	30.0	64.6	26.0	44.1	41.7	7.7	11.0	5.3	2.0	74	WSW. & N. WSW.	N. NW. & WSW.	12.0	0.0	2.3	564	+ 235	0.08	5.2	
TUES.	27	29.702	39.9	27.0	12.9	32.5	20.1	73.0	22.0	43.3	41.7	12.4	17.0	5.7	7.4	59	NW. W. & WSW.	NNW.	13.4	0.0	1.7	454	+ 111	0.00	2.0	
WED.	28	30.063	39.2	24.7	14.5	31.4	19.8	85.0	19.0	42.3	40.3	11.6	15.5	9.2	8.7	61	NW. WNW. & NNW.	NNW.	5.2	0.0	1.0	375	+ 25	0.00	3.0	
THURS.	1	30.185	40.0	23.5	16.5	31.3	23.1	62.8	18.2	41.3	39.3	8.2	16.1	3.6	9.0	71	NW. & WSW.	WSW. & SSW.	0.1	0.0	0.0	186	- 162	0.00	1.5	
FRI.	2	30.034	54.4	35.8	18.6	45.3	44.8	71.6	31.2	40.5	39.1	0.5	5.6	0.0	4.9	98	S. & SSW.	SW. & WSW.	0.7	0.0	0.1	262	- 72	0.19	5.3	
SAT.	3	29.919	52.0	45.3	6.7	47.9	43.3	67.5	42.9	41.3	39.3	4.6	9.0	1.9	7.4	84	WSW.	WSW. & SW.	0.7	0.0	0.0	238	- 86	0.03	2.5	
MEANS .		29.779	46.6	33.2	13.4	39.1	31.7	73.6	28.3	42.2	40.3	7.4	12.5	4.0	0.9	75	WSW. & NW.		..	..	..	Sum 2712	+ 369	Sum 0.31	3.7
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "*Royalist*," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 29·38 in. at the beginning of the week to 28·96 in. by 8h. A.M. on the 26th of February; increased to 30·21 in. by 9h. A.M. on the 1st of March; and decreased to 29·8 in. by the end of the week.

SKY AND ATMOSPHERE.

Overcast in the morning, fine in the afternoon; overcast and showery afterwards.

Cloudy with occasional snow showers in morning;
fine afterwards.

Fine: partially cloudy.

A very fine day, partially cloudy.

Thin clouds and haze prevailed till afternoon; overcast at night.

Overcast. Rain fell throughout the morning.

Overcast. Occasional thin rain.

DATE.	Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.
SUNDAY . 25	No electricity was shown.	2.0	10.6
MONDAY . 26	Strong positive and negative, with sparks and currents during snow showers.	0.9	10.7
TUESDAY . 27	{ Weak electricity shown occasionally. }	3.5	10.7
WEDNESDAY . 28		6.7	10.8
MARCH.			
THURSDAY .	{ No electricity was shown. }	3.9	10.8
FRIDAY . 2		0.0	10.9
SATURDAY . 3		0.0	11.0
..	..	Sum 17.0	Sum 75.5
No. of Col.	28	29	30

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS
OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 10. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, MARCH 10. [Price 1½d.

*General Register Office, Somerset House,
12th March, 1877.*

UNITED KINGDOM.

DURING last week 6022 *births* and 4152 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 1870. The mortality from all causes was at the average rate of 27 deaths annually in every 1000 persons living. The annual death-rate was 22 per 1000 in Edinburgh, 34 in Glasgow, and 35 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Portsmouth 15 Brighton 18, Plymouth 19, Sheffield 20, Sunderland 22, Newcastle-on-Tyne 22 Bradford 23, Leeds 24, Birmingham 24, Liverpool 25, London 26, Wolverhampton 26, Hull 26, Norwich 28, Bristol 29, Nottingham 29, Manchester 30, Leicester 34, Salford 34, and the highest rate 40 in Oldham. The annual death-rate from the seven principal zymotic diseases averaged 2·7 per 1000 in the twenty towns, and ranged from 0·5 and 0·6 in Brighton and Oldham, to 3·7 and 4·8 in Norwich and Salford. The deaths from small-pox in the twenty towns, which had been 118 and 103 in the two preceding weeks, were 107 last week, of which 96 occurred in London, 7 in Liverpool, and 4 in Manchester and Salford (exclusive of a fatal municipal case in the Monsall Hospital); no death from this disease was registered in any of the sixteen other towns.

In Preston 26 deaths from small-pox have been registered since 31st December last, the last of which occurred on 23rd February. The fatal cases of this disease in Rochester, Strood, and Chatham during January and February were 12.

LONDON.

In LONDON 2543 BIRTHS and 1782 DEATHS were registered. Allowing for increase of population, the births were 6 below, whereas the deaths exceeded by 136, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which during the twelve preceding weeks had ranged between 20·1 and 22·6, rose last week, under the influence of the recent lower temperature to 26·3.

The 1782 deaths included 96 from small-pox, 33 from measles, 17 from scarlet fever, 4 from diphtheria, 28 from whooping-cough, 25 from different forms of fever, and 10 from diarrhœa; thus to the seven principal diseases of the zymotic class 213 deaths were referred, against 187, 208, and 212 in the three preceding weeks. These 213 deaths were 19 below the corrected average number from the same diseases in the corresponding week of the last ten years. The fatal cases of scarlet fever, diphtheria, whooping-cough, and fever, were considerably below the corrected average weekly numbers. The 33 deaths from measles, however, exceeded both the numbers in recent weeks and the corrected average; 5 occurred in Pancras and 5 in Bethnal Green. Of the 17 fatal cases of scarlet fever, 14 occurred in East and South London, including 4 in Mile End Old Town. The 25 deaths referred to fever, although 11 below the corrected average, considerably exceeded the numbers in recent weeks; 2 were certified as typhus, 20 as enteric or typhoid, and 3 as simple continued fever. Both the fatal cases of typhus belonged to Pancras, one being recorded in the Stockwell Fever Hospital. Two deaths from enteric fever occurred in Poplar, 2 in Battersea, and 3 in Deptford.

The deaths from small-pox, which had been 104 and 84 in the two preceding weeks, rose again last week to 96; 43 were certified as unvaccinated, 25 as vaccinated, and 28 were "not stated" as to vaccination. During the past three weeks

the deaths of 51 children under five years of age, certified to have been unvaccinated, have been referred to small-pox; of these 20 were registered last week, including 12 in the North and 5 in the East groups of Districts.

Of the 96 deaths from small-pox 46 were recorded in the Metropolitan Asylum Hospitals, one in the North Street (Poplar) Infirmary, and one in St. Thomas's Hospital; the remaining 48, or half the total fatal cases, occurred in private dwellings. After distributing the hospital cases, it appears that 16 of the deceased small-pox patients had resided in Bow, 17 in Southwark, 11 in Islington, 5 in Marylebone, 5 in Hackney, and 5 in Lambeth; in all, 5 belonged to the West, 25 to the North, 3 to the Central, 31 to the East, and 32 to the South groups of districts. Owing to a fresh outbreak in Islington, the fatal cases showed an increase in North London; the disease, however, continues to cause the highest death-rate in East London, especially in Bow.

The Metropolitan Asylum Small Pox Hospitals contained 928 patients on Saturday last, including 140 convalescent cases at Limehouse, against 901, 916, and 907 at the end of the three preceding weeks. The new cases admitted during the week were 225, against 205 and 230 in the two previous weeks.

Different forms of violence caused 59 deaths; 48 were the result of negligence or accident, including 19 from fractures and contusions, 6 from burns and scalds, 3 from drowning, and 15 of infants under one year of age from suffocation. Five deaths were caused by horses or vehicles in the streets.

GREATER LONDON.

In Greater London 3069 births and 2070 deaths were registered, equal to annual rates of 36·7 and 24·7 per 1000 of the population. Fifteen deaths from small-pox were registered in the Outer Ring, against but six in the previous week; 9 occurred in West Ham, 3 in Edmonton Workhouse, and one each at Acton, Stratford, and Ilford. The 9 fatal cases in West Ham included 8 of adults, most of whom had been vaccinated in infancy but not revaccinated, and one of an unvaccinated child aged three years.

Dr. Frankland reports as the result of his analysis of the waters supplied to the Metropolis and its suburbs during February, that taking the average amount of organic impurity obtained in a given volume of the Kent Company's water during the last nine years as unity, the proportional amount in an equal quantity of water supplied by each of the Metropolitan Companies, by the Tottenham Local Board, and by the Colne Valley Company was:—Tottenham 0·5, Kent 0·8, Colne Valley 1·0, New River 3·1, Chelsea 3·6, East London 3·6, West Middlesex 3·7, Lambeth 3·8, Southwark 3·9, and Grand Junction 4·3. The Thames and Lea water supplied by each of the Metropolitan Companies showed a considerable improvement upon that delivered in January, and all the waters were efficiently filtered except that supplied by the Southwark Company, which was slightly turbid and contained moving organisms. The water supplied by the Kent Company, by the Colne Valley Company, and by the Tottenham Local Board, from deep artesian wells in the chalk, was of the usual quality and nearly free from organic impurity. The Kent Company's and the Tottenham Local Board's water was very hard and, therefore, unsuitable for washing or cooking purposes; that supplied by the Colne Valley Company was softened by Clarke's process previous to delivery, the original amount of hardness being reduced to less than one fifth, and the proportion of total solid matters from 38 to 12 parts in 100,000.

Dr. Hill reports, that the quality of the water supplied to Birmingham by the Corporation showed an improvement upon that of the water delivered in the preceding month. With reference to the Loch Katrine water supplied to Glasgow, Dr. Mills reports that it was of a "very pale brown colour, decidedly ferruginous, and contained suspended vegetable fibres."

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 35, Bombay 40, Madras 119; Paris 28; Geneva 32; Brussels 22; Amsterdam 26, Rotterdam 28, The Hague 25; Copenhagen 24; Stockholm 20; Christiania 16; Berlin 24, Hamburg 27, Dresden 24, Breslau 24, Munich 36; Vienna 27, Buda-Pesth 42; Naples 37, Turin 25; Venice 28, Alexandria 40; New York 20, Brooklyn 20, Philadelphia 16, and Boston 22. In Madras 445 deaths were referred to cholera and 44 to small-pox; this great fatality is partly attributed to the number of famine-stricken residents of neighbouring districts who have recently flocked into the city.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·71 in. ; the lowest reading was 29·15 in. on Wednesday March 7th, and the highest 29·96 in. on Saturday. The mean temperature of the *air* was 36°·9, and 3°·6 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean on Sunday 4th, was 42°·6 and 2°·1 above the average, whereas a deficiency prevailed on each of the other days, and on Saturday the mean was only 32°·5 and 8°·1 below the average. The lowest night temperature was 27°·5 on Saturday, and the highest day temperature in the shade 46°·2 on Monday; the extreme range in the week was, therefore, 18°·7. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in *vacuo* placed on the grass, was 95°·0 on Saturday. The difference between the mean *dew-point* and *air* temperature averaged 5°·8. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 41°·8. The mean degree of *humidity* of the air was 80, complete saturation being represented by 100. The direction of the *wind* was variable, and the horizontal movement of the air averaged 11·9 miles per hour, which was 2·6 below the average in the corresponding week of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·47 of an inch. The duration of registered sunshine in the week was 17·4 hours, out of 78·7 hours during which the sun was above the horizon.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames was 366,336 cubic metres at Crossness, and 425,902 cubic metres at Barking, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of FEBRUARY 1877; according to their returns 110,670,113 gallons or 502,825 cubic metres, of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 209 gallons (95·0 decalitres) rather less than a *ton* by weight, to each house, and 29·4 gallons (13·4 decalitres) to each person, against 29·7 gallons during February 1876.

COMPANIES.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for do- mestic consumption) during the Month of	
	FEBRUARY 1876.	FEBRUARY 1877.	FEBRUARY 1876.	FEBRUARY 1877.
TOTAL SUPPLY . . .	523,801	530,656	110,394,788	110,670,113
From Thames	246,016	248,196	57,055,749	55,996,723
From Lea and from other Sources . . .	277,785	282,460	53,339,039	54,673,390
THAMES.				
Chelsea	28,600	28,737	6,980,600	6,955,400
West Middlesex	47,506	48,810	9,226,178	9,313,279
Southwark and Vauxhall	80,346	77,850	18,600,000	17,230,000
Grand Junction	36,036	37,055	10,078,371	10,578,944
Lambeth	53,528	55,744	12,170,600	11,919,100
LEA AND OTHER SOURCES.				
New River	124,051	125,061	24,672,000	24,299,000
East London	109,375	111,967	22,079,500	23,838,000
Kent	44,359	45,432	6,587,539	6,536,390

Note.—The Return for February 1877, as compared with that for the corresponding month of 1876, shows an increase of 6,855 houses, and an increase of 275,325 gallons of water supplied daily.

ANALYSIS OF METROPOLITAN WATER SUPPLY DURING FEBRUARY.

Royal College of Chemistry, South Kensington Museum,
2nd March 1877.

SIR,

I HAVE to report to you in the following Table the results of the chemical analysis of the waters supplied to the inner, and portions of the outer circle of the Metropolis during the month of February.

I append also the results obtained in the analyses of the water supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham, and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the last nine years as unity, the proportional amount in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health was:—Tottenham 0·5, Kent 0·8, Colne Valley 1·0, New River 3·1, Chelsea 3·6, East London 3·6, West Middlesex 3·7, Lambeth 3·8, Southwark 3·9, Grand Junction 4·3.

The water taken from the Thames and Lea, and delivered by the Chelsea, West Middlesex, Southwark and Vauxhall, Grand Junction, Lambeth, New River, and East London Companies has undergone great improvement since January, and it was all efficiently filtered except that supplied by the Southwark Company, which was slightly turbid and contained moving organisms.

The water supplied from artesian wells to the inner circle by the Kent Company, and to the outer circle by the Colne Valley Water Company, and the Tottenham Local Board of Health was wholesome, bright, and palatable, and of most excellent quality for dietetic purposes.

The water delivered by the Kent Company, and by the Tottenham Local Board was hard, and therefore unsuitable for washing, but that supplied by the Colne Valley Company was softened by Clark's process before delivery, whereby its hardness was reduced to less than one-fifth of the original amount, and the total solid matters from 38 to 12 parts in 100,000 parts of water. In this way the water was rendered suitable for washing.

Seen through a stratum two feet deep, the Kent and Colne Valley waters were clear and colourless. The Tottenham water was also colourless but not quite clear. The remaining samples presented the following appearances :—Chelsea, clear, very pale yellow ; West Middlesex, clear, very slightly brown ; Southwark, turbid, brownish ; Grand Junction, brownish yellow and not quite clear ; Lambeth, clear, very pale brown ; New River, clear, very pale brownish yellow ; and East London, clear, very pale yellow.

Dr. Hill, the Medical Officer of Health for Birmingham, reports that the water supplied to that town was "clear and yellowish, and of a little better quality than last month."

Dr. Mills, F.R.S., Professor of Technical Chemistry in the Andersonian University, Glasgow, reports that the water supplied to that city from Loch Katrine was "of a very pale brown colour, "and decidedly ferruginous; it contained suspended vegetable fibres." All samples of Loch Katrine water referred to in the previous reports of Professors Bischof and Mills were drawn from a 3-inch distributing pipe, but the sample here reported upon was taken from a 13-inch main, whence it is intended to draw all future samples.

The Registrar General, &c., &c.

I am, &c.
E. FRANKLAND.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

COMPANIES OR LOCAL AUTHORITIES.		Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Mat- ters.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Ni- trates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES :		°								
	Chelsea - - -	{ 13th February, Cab Rank, Horse Guards. }	9·2	30·14	·182	·032	0	·312	·344	1·52	20·0
	West Middlesex -	{ 13th February, Cab Rank, Portland-road. }	9·5	29·10	·186	·031	0	·290	·321	1·50	20·3
	Southwark and Vauxhall - -	{ 13th February, Cab Rank, St. George's Church, Borough. }	10·0	30·70	·190	·042	0	·297	·339	1·52	21·5
	Grand Junction -	{ 13th February, Lancaster-gate, Hyde Prk. }	8·7	31·00	·205	·048	0	·281	·329	1·47	21·2
	Lambeth - - -	{ 13th February, Cab Rank, Westminster Bridge-road. }	9·5	33·06	·192	·033	0	·409	·442	1·78	22·1
	OTHER SOURCES :										
	New River - -	{ 13th February, Cab Rank, Tottenham- court-road. }	8·7	32·00	·156	·029	0	·328	·357	1·52	22·4
Outer Circle.	East London -	{ 13th February, Royal Hotel, Mile-End-rd. }	9·0	34·40	·188	·026	0	·302	·328	1·70	22·7
	Kent - - -	{ 14th February, Deptford Bridge Police Station. }	13·0	44·74	·041	·007	0	·615	·622	2·45	28·1
	Colne Valley - -	{ 6th February, Main at Bushey. }	8·3	12·10	·046	·011	0	·296	·307	1·32	5·1
	Tottenham Board of Health - - -	{ 15th February, High Street, Tottenham. }	-	47·30	·018	·012	·008	·498	·517	3·30	24·2
Corporation of Birming- ham* - - -		{ 9th February, 3 Buck-street. }	7·8	23·56	·499	·089	·002	·209	·299	1·40	15·5
Corporation of Glasgow †-		{ 21st February, Loch Katrine service. }	4·9	3·68	·158	·011	·002	0	·013	·70	·7
Column 1.		2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the Borough.
† Analysed by Dr. E. J. Mills, F.R.S., of the Andersonian University, Glasgow.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11 all relate to 100,000 parts of the waters. The Table is to be read thus : the Chelsea Company's water, collected on the 13th of February at the Horse Guards cab-rank, had a temperature of 9°·2 C. ; 100,000 lbs. of it contained 30·14 lbs. of solid matters ; the organic matter, constituting a portion of these matters, contained ·182 lb. of carbon and ·032 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·312 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·344 lb. The above weight of water also contained 1·52 lb. of chlorine, and 20·0 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the United Kingdom, during the Week ending Saturday, the 10th day of March 1877.

CITIES AND BOROUGHES. <small>(Principal Boundaries, except for LONDON and DUBLIN.)</small>	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 10th March 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERA- TURE OF THE AIR. (CEN- TI- GRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centi- metres.
23 TOWNS in the } UNITED KINGDOM }	212,881	8,144,940	38·3	6022	4152	54·5	26·1	37·8	3·23	0·55	1·40
LONDON - - -	75,362	3,533,484	46·9	2543	1782	46·2	27·5	36·9	2·72	0·47	1·19
GLoucester - - -	2,354	102,264	43·4	63	35	49·8	29·0	36·8	2·67	0·46	1·17
SMITH - - -	4,486	127,144	28·3	81	36	52·6	30·0	39·4	4·11	0·45	1·14
WICH - - -	7,472	84,023	11·2	62	45	48·0	30·0	37·5	3·06	0·63	1·60
MOUTH - - -	1,395	72,911	52·3	30	26	53·0	29·5	41·5	5·28	0·68	1·73
STOL - - -	4,452	202,950	45·6	142	112	50·9	29·1	39·1	3·95	0·30	0·76
VERHAMPTON - -	3,396	73,389	21·6	56	37	49·4	26·1	35·5	1·95	0·51	1·30
INGHAM - - -	8,400	377,436	44·9	334	174	-	-	-	-	-	-
ESTER - - -	3,200	117,461	36·7	82	76	46·2	30·8	37·2	2·89	0·52	1·32
INGHAM - - -	1,996	95,025	47·6	67	53	49·1	29·7	36·7	2·61	1·05	2·67
ERPOOL - - -	5,210	527,083	101·2	417	250	45·0	32·4	37·5	3·06	0·45	1·14
CHESTER - - -	4,293	359,213	83·7	292	209	54·0	28·0	36·9	2·72	0·46	1·17
FORD - - -	5,170	141,184	27·3	137	92	48·6	27·0	36·0	2·22	0·41	1·04
HAM - - -	4,666	89,796	19·2	76	68	-	-	-	-	-	-
OFORD - - -	7,220	179,315	24·8	144	78	50·2	30·0	37·3	2·95	0·35	0·89
DS - - -	21,572	298,189	13·8	241	135	52·0	31·0	38·9	3·28	0·82	2·08
FFIELD - - -	19,651	282,130	14·4	223	107	47·5	29·2	37·1	2·84	0·39	0·99
L - - -	3,635	140,002	38·5	105	71	45·0	30·0	36·8	2·67	0·56	1·42
DERLAND - - -	3,306	110,382	33·4	83	47	53·0	31·0	38·9	3·83	0·76	1·93
CASTLE-ON-TYNE	5,371	142,231	26·5	95	61	-	-	-	-	-	-
BURGH - - -	4,191	218,729	52·2	147	90	52·4	29·0	37·7	3·17	0·95	2·41
SGOW - - -	6,033	555,933	92·1	406	358	-	-	-	-	-	-
LIN - - -	10,050	314,666	31·3	196	210	54·5	27·0	41·2	5·11	0·14	0·36

*For names of the Meteorological Observers in the several towns, see note at foot of Table 4.
†The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by the addition of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,055,612 persons, and in DUBLIN, during the Week ending Saturday the 10th day of March 1877.

BOROUGHES, &c. Principal Boundaries, except for LONDON and DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhea.	Violence.		
in 20 TOWNS -	25·8	2·7	3494	809	766	107	51	39	6	72	57	31	114	224	600
LONDON - - -	26·3	3·1	1782	372	377	96	33	17	4	28	25	10	59	114	387
GLoucester - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	1	1	2	3
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9	0·5	35	6	16	-	-	-	-	-	-	-	-	-	-
SMITH - - -	17·9														

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the TENTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2153	2269	2240	2498	2261	2568	2536	2236	2509	2557	2382·7	2543
Males . .	1109	1187	1134	1270	1141	1309	1312	1124	1240	1296	1212·2	1306
Females .	1044	1082	1106	1228	1120	1259	1224	1112	1269	1261	1170·5	1237
TOTAL Deaths	1425	1331	1519	1499	1601	1565	1617	1524	1847	1455	1538·3	1782
Males . .	734	686	775	770	835	811	835	777	945	729	789·7	913
Females .	691	645	744	729	766	754	782	747	902	726	748·6	869

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867-76 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Dec. 16.	Dec. 23.	Dec. 30.	Jan. 6.	Jan. 13.	Jan. 20.	Jan. 27.	Feb. 3.	Feb. 10.	Feb. 17.	Feb. 24.	Mar. 3.	Mar. 10.
TOTAL Deaths - - -	1443	1456	1510	1507	1358	1491	1425	1528	1504	1462	1495	1529	1782
0—20 - - -	678	626	713	673	565	693	636	673	648	653	675	700	810
20—40 - - -	221	256	183	229	218	244	226	214	215	234	206	232	269
40—60 - - -	242	256	274	277	261	258	254	292	262	248	289	258	326
60—80 - - -	247	272	280	278	265	217	251	289	317	263	263	289	313
at 80 years & upwds.	55	46	60	50	49	79	58	60	62	64	62	48	64
Deaths of { Under 1 year -	351	313	357	340	263	367	331	337	317	334	323	334	372
children { 1—5 - - -	238	217	254	222	202	219	209	241	212	215	259	246	306
{ 5—20 - - -	89	96	102	111	100	107	96	95	119	104	93	122	132
Deaths from 7 principal Zymo- totic Diseases }	236	237	235	253	214	210	204	231	207	187	208	212	213
" " Smallpox - - -	75	97	75	116	100	79	86	103	90	72	104	84	96
" " Measles - - -	31	30	40	28	24	17	22	22	21	18	14	23	33
" " Scarlet Fever -	54	37	29	25	23	42	21	23	14	19	16	23	17
" " Diphtheria - -	6	8	9	12	4	5	3	4	7	6	5	4	4
" " Whooping-cough	23	23	34	32	25	31	40	41	44	38	38	40	28
" " Typhus fever -	3	5	5	3	3	5	4	5	2	7	2	1	2
" " Enteric (or Ty- phoid) fever - -	21	15	16	14	17	10	14	14	11	9	11	13	20
" " Simple Cont ^d fever	4	5	6	5	2	3	3	1	7	2	4	2	3
" " Diarrhoea - - -	19	17	21	18	16	18	11	18	11	16	14	22	10
" " Simple Cholera -	-	-	1	1	-	-	-	-	-	-	-	-	-
" " Dis. of Respira- tory Organs - }	282	305	352	298	291	290	304	375	381	355	303	355	452
" " Phthisis - - -	170	168	149	134	139	166	147	156	173	166	168	169	226
" " Heart Diseases -	87	78	91	101	75	81	96	95	101	96	84	95	102
Violent Deaths - - -	50	54	71	89	51	55	52	45	51	45	54	46	59
Inquest Cases - - -	97	93	123	170	96	101	91	95	111	83	120	90	114
Deaths in Public Institutions	292	297	293	335	297	316	283	319	317	275	329	311	387
TEMPERATURE OF THE AIR:													
Mean - - - - -	42·5	39·9	43·3	46·8	41·5	45·5	39·0	43·0	46·3	46·4	40·4	39·1	36·9
Mean of Highest readings -	45·5	44·0	46·9	50·9	46·2	49·8	46·8	48·7	52·2	51·8	45·8	46·6	42·7
Mean of Lowest readings -	38·8	35·8	39·0	42·0	37·4	39·7	30·7	36·7	40·5	42·2	35·7	33·2	32·9
Mean Temperature of the Water of the Thames - }	43·2	42·7	38·5	44·9	44·6	42·7	43·2	41·0	44·1	47·5	44·4	41·3	41·8
Humidity of the Air - - -	89	92	92	87	90	90	87	84	85	82	79	75	80
Rain-fall in inches - - -	0·24	2·19	1·23	1·34	1·96	0·39	0·40	0·42	0·06	0·78	0·68	0·31	0·47
Registered Sunshine (in hours)	2·0	0·4	0·0	2·0	1·3	0·8	11·2	5·3	2·3	9·3	9·8	17·0	17·4

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the Tenth Week of the Year 1877.

CAUSES OF DEATH.		Average in the Tenth Weeks of the 10 years 1867-76.	In the Week ending Saturday, March 10, 1877.								CAUSES OF DEATH.		Average in the Tenth Weeks of the 10 years 1867-76.	In the Week ending Saturday, March 10, 1877.							
			Deaths of Persons of the Ages											Deaths of Persons of the Ages							
			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.				ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature		41° 5	Mean Tem. 36° 9	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	Mean Temperature		41° 5	Mean Tem. 36° 9	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
CAUSES -		1538° 3	1782	372	306	132	269	326	313	64	9. Stricture of Intestines		5	1	-	-	-	-	1	-	-
CLASSIFIED CAUSES		1527° 6	1777	367	306	132	269	326	313	64	10. Fistula		1° 1	-	-	-	-	-	-	-	-
ZYMOTIC DISEASES.											11. Stomach Disease, &c.		7° 8	9	1	1	-	2	1	4	-
ORDER 1.											12. Pancreas Disease, &c.		-	-	-	-	-	-	-	-	-
Small-pox		32° 2	96	8	23	33	27	4	1	-	13. Hepatitis		4° 5	-	-	-	-	-	-	-	-
Measles		28° 9	33	7	25	1	-	-	-	-	14. Jaundice		4° 5	-	-	-	-	-	-	-	-
Scarlet Fever		33° 9	17	1	7	8	1	-	-	-	15. Liver Disease, &c.		16° 3	22	-	2	-	5	8	7	-
Diphtheria		6° 7	4	1	3	-	-	-	-	-	16. Spleen Disease, &c.		2	-	-	-	-	-	-	-	-
Quinsy		1° 1	1	-	1	-	-	-	-	-	ORDER 5.										
Group		15° 7	13	2	10	1	-	-	-	-	1. Nephritis		2° 9	4	-	-	1	2	1	-	-
Whooping-cough		68° 1	28	14	13	1	-	-	-	-	2. Ischuria		1° 1	-	-	-	-	-	-	-	-
Typhus		-	2	-	-	-	-	2	-	-	3. Bright's Dis. (Nephria)		12° 9	16	1	1	-	3	7	4	-
Enteric or Typhoid Fev.		33° 8	20	-	2	7	9	2	-	-	4. Diabetes		1° 8	5	-	-	-	2	2	1	-
Simple continued Fev.		-	3	-	-	1	1	1	3	-	5. Calculus (Stone)		1° 2	2	-	-	-	-	-	2	-
Erysipelas		6° 0	7	1	-	1	1	1	3	-	6. Cystitis		1° 5	-	-	-	-	-	-	-	-
Erysipelas		4° 0	8	-	-	1	7	-	1	-	7. Kidney Disease, &c.		10° 5	13	-	-	1	1	8	3	-
Erysipelas		9°	1	-	-	-	-	-	1	-	ORDER 6.										
Erysipelas		6°	-	-	-	-	-	-	-	-	1. Ovarian Dropsy		4°	-	-	-	-	-	-	-	-
Erysipelas		1° 8	2	-	-	-	2	-	-	-	2. Uterus Disease, &c.		4° 9	6	-	-	-	6	-	-	-
Erysipelas		18° 5	10	6	1	-	1	1	1	-	ORDER 7.										
Erysipelas		2°	-	-	-	-	-	-	-	-	1. Synovitis (Arthritis)		2°	1	-	1	-	-	-	-	-
Erysipelas		3°	-	-	-	-	-	-	-	-	2. Joint Disease, &c.		6° 6	6	-	-	3	1	-	1	-
Erysipelas		7° 4	13	-	-	2	5	3	8	-	ORDER 8.										
Erysipelas		2°	-	-	-	-	-	-	-	-	1. Phlegmon		2° 7	8	1	-	-	4	2	1	-
Erysipelas		-	-	-	-	-	-	-	-	-	2. Ulcer		9°	1	-	1	-	-	-	-	-
Erysipelas		-	-	-	-	-	-	-	-	-	3. Skin Disease, &c.		1° 7	2	1	-	-	1	-	-	-
Erysipelas		-	-	-	-	-	-	-	-	-	IV. DEVELOPMENTAL DISEASES.										
Erysipelas		-	-	-	-	-	-	-	-	-	ORDER 1.										
Erysipelas		-	-	-	-	-	-	-	-	-	1. Premature Birth		22° 0	19	19	-	-	-	-	-	-
Erysipelas		-	-	-	-	-	-	-	-	-	2. Cyanosis		2° 3	4	2	2	-	-	-	-	-
Erysipelas		-	-	-	-	-	-	-	-	-	3. Spina Bifida		1° 2	2	2	-	-	-	-	-	-
Erysipelas		-	-	-	-	-	-	-	-	-	4. Other Malformations		2° 2	2	2	-	-	-	-	-	-
Erysipelas		-	-	-	-	-	-	-	-	-	5. Teething		18° 5	27	13	14	-	-	-	-	-
Erysipelas		-	-	-	-	-	-	-	-	-	ORDER 2.										
Erysipelas		-	-	-	-	-	-	-	-	-	1. Paramenia		-	1	-	-	-	1	-	-	-
Erysipelas		-	-	-	-	-	-	-	-	-	2. Childbirth (see Puer-)		4° 9	8	-	-	1	7	-	-	-
Erysipelas		-	-	-	-	-	-	-	-	-	peral Fever)		-	-	-	-	-	-	-	-	-
Erysipelas		-	-	-	-	-	-	-	-	-	ORDER 3.										
Erysipelas		-	-	-	-	-	-	-	-	-	1. Old Age		59° 6	54	-	-	-	-	-	27	27
Erysipelas		-	-	-	-	-	-	-	-	-	ORDER 4.										
Erysipelas		-	-	-	-	-	-	-	-	-	1. Atrophy and Debility		55° 2	53	43	5	-	-	-	5	-
Erysipelas		-	-	-	-	-	-	-	-	-	V. VIOLENT DEATHS, &c.										
Erysipelas		-	-	-	-	-	-	-	-	-	ORDER 1.										
Erysipelas		-	-	-	-	-	-	-	-	-	(ACCIDENT. OR NEGLIGENCE.)										
Erysipelas		-	-	-	-	-	-	-	-	-	1. Fractures & Contusions		16° 3	19	-	3	-	7	5	4	-
Erysipelas		-	-	-	-	-	-	-	-	-	2. Wounds {Gunshot -}		7°	1	-	-	-	-	1	-	-
Erysipelas		-	-	-	-	-	-	-	-	-	3. Burns and Scalds		6° 8	6	-	5	1	-	-	-	-
Erysipelas		-	-	-	-	-	-	-	-	-	4. Poison		9°	-	-	-	-	-	-	-	-
Erysipelas		-	-	-	-	-	-	-	-	-	5. Drowning		4° 5	3	-	-	1	1	-	1	-
Erysipelas		-	-	-	-	-	-	-	-	-	6. Suffocation		9° 8	17	15	2	-	-	-	-	-
Erysipelas		-	-	-	-	-	-	-	-	-	7. Otherwise		2° 2	2	-	-	-	-	1	1	-
Erysipelas		-	-	-	-	-	-	-	-	-	ORDER 3.										
Erysipelas		-	-	-	-	-	-	-	-	-	(HOMICIDE.)										
Erysipelas		-	-	-	-	-	-	-	-	-	1. Murder & Manslaughter		2° 3	2	1	1	-	-	-	-	-
Erysipelas		-	-	-	-	-	-	-	-	-	ORDER 4.										
Erysipelas		-	-	-	-	-	-	-	-	-	(SUICIDE.)										
Erysipelas		-	-	-	-	-	-	-	-	-	1. Wounds {Gunshot -}		5°	-	-	-	-	-	-	-	-
Erysipelas		-	-	-	-	-	-	-	-	-	2. Poison		1° 3	2	-	-	-	-	1	1	-
Erysipelas		-	-	-	-	-	-	-	-	-	3. Drowning		1° 2	2	-	-	-	-	2	-	-
Erysipelas		-	-	-	-	-	-	-	-	-	4. Hanging		1° 4	1	-	-	-	1	-	-	-
Erysipelas		-	-	-	-	-	-	-	-	-	5. Otherwise		1° 1	2	-	-	-	-	2	-	-
Erysipelas		-	-	-	-	-	-	-	-	-	ORDER 5.										
Erysipelas		-	-	-	-	-	-	-	-	-	(EXECUTION.)										
Erysipelas		-	-	-	-	-	-	-	-	-	1. Hanging		-	-	-	-	-	-	-	-	-
Erysipelas		-	-	-	-	-	-	-	-	-	Violent Deaths (not classed)		9°	1	-	1	-	-	-	-	-
Erysipelas		-	-	-	-	-	-	-	-	-	Sudden Deaths (Cause unascertained)		1° 9	-	-	-	-	-	-	-	-
Erysipelas		-	-	-	-	-	-	-	-	-	Causes not specified or ill-defined		8° 8	5	5	-	-	-	-	-	-

(NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence.")

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.		Enume- rated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include														Inquest Cases.	Deaths in Public Institutions.
					Deaths of		Deaths from													
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.				
LONDON - - -		3,254,260	2543	1782	372	377	96	33	17	4	28	2	20	3	10	59	114	387		
WEST DISTRICTS - - -		561,359	337	268	46	73	3	4	3	-	1	-	2	-	1	6	12	59		
NORTH DISTRICTS - - -		751,729	585	407	92	85	55	9	-	-	8	1	3	1	4	5	18	107		
CENTRAL DISTRICTS - - -		334,369	197	169	29	29	1	5	-	-	1	-	1	-	-	10	18	56		
EAST DISTRICTS - - -		639,111	549	374	78	80	18	8	6	1	9	-	3	2	1	16	34	74		
SOUTH DISTRICTS - - -		967,692	825	564	127	110	19	7	8	3	9	1	11	-	4	22	32	91		
WEST DISTRICTS.																				
St. Mary Paddington WH - - -		58728	40	29	3	11	-	-	-	-	-	-	-	-	1	1	1	5		
St. John Paddington H - - -		38085	21	14	2	5	-	-	-	-	-	-	-	-	-	-	1	2		
Kensington Town W - - -		91645	76	45	14	7	-	1	1	-	1	-	1	-	-	-	1	6		
Brompton H - - -		28654	18	11	1	4	-	-	-	-	-	-	-	-	-	-	1	5		
St. Peter Hammersmith - - -		6662	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Paul Hammersmith H - - -		36029	35	17	3	4	1	-	-	-	-	-	1	-	-	2	2	1		
Fulham WH - - -		23350	27	19	5	4	1	-	2	-	-	-	-	-	-	-	-	3		
Chelsea South HHH - - -		26420	19	18	2	3	1	-	-	-	-	-	-	-	-	-	1	-		
Chelsea North-west WHHHH - - -		22926	19	12	1	2	-	-	-	-	-	-	-	-	-	-	-	6		
Chelsea North-east - - -		21392	10	9	3	-	-	1	-	-	-	-	-	-	-	-	1	-		
Hanover Square H - - -		18698	12	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-		
May Fair WW - - -		13358	5	7	-	5	-	-	-	-	-	-	-	-	-	-	-	3		
Belgrave HH - - -		57972	31	29	3	11	-	-	-	-	-	-	-	-	-	3	3	16		
St. John Westminster HH - - -		38478	24	15	5	2	-	-	-	-	-	-	-	-	-	-	-	-		
St. Margaret Westminster WH - - -		27781	24	18	2	5	-	-	-	-	-	-	-	-	-	-	1	7		
Golden Square WH - - -		12860	5	7	2	3	-	-	-	-	-	-	-	-	-	-	-	3		
Berwick-street H - - -		20759	5	8	-	3	-	2	-	-	-	-	-	-	-	-	1	-		
St. Anne Soho HHHHH - - -		17562	13	5	-	2	-	-	-	-	-	-	-	-	-	-	-	2		
NORTH DISTRICTS.																				
All Souls Marylebone HHHH - - -		28579	19	14	4	1	-	-	-	-	-	-	1	-	1	-	-	7		
Cavendish Square HH - - -		15425	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Rectory Marylebone WH - - -		26384	15	23	2	8	-	-	-	-	-	-	-	-	-	-	2	12		
St. Mary Marylebone HHH - - -		21786	18	6	3	1	-	-	-	-	-	-	-	-	-	-	-	-		
Christchurch Marylebone H - - -		33944	18	13	4	2	1	-	-	-	-	-	-	-	-	-	-	-		
St. John Marylebone H - - -		33136	15	20	11	5	1	1	-	-	1	-	-	-	1	1	3	-		
Hampstead WvHH - - -		32281	22	29	1	1	19	-	-	-	-	-	-	-	-	1	1	19		
Regent's Park Pancras H - - -		38200	24	14	6	6	-	-	-	-	1	-	-	-	-	-	-	-		
Tottenham-court vHHH - - -		29370	22	23	6	2	-	2	-	-	-	-	-	-	-	-	1	10		
Gray's Inn Lane HH - - -		29221	16	16	2	2	-	-	-	-	1	1	-	-	-	-	2	2		
Somers Town - - -		38533	31	16	2	4	-	-	-	-	-	-	-	-	-	-	-	-		
Camden Town WH - - -		17943	18	9	1	6	-	-	-	-	-	-	-	-	-	-	-	8		
Kentish Town w - - -		68198	49	24	9	5	-	3	-	-	2	-	1	-	1	-	1	2		
Islington West HHH - - -		97820	92	51	11	7	7	1	-	-	1	-	-	-	-	-	2	6		
Islington East WvvhH - - -		115953	114	78	17	22	6	1	-	-	2	-	1	-	1	-	2	12		
Stoke Newington H - - -		9841	11	5	-	2	-	-	-	-	-	-	-	1	-	-	-	-		
Stamford Hill - - -		6598	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
West Hackney - - -		28069	29	13	6	1	1	1	-	-	-	-	-	-	-	-	-	-		
Hackney WvvhHL - - -		50104	36	44	4	7	20	-	-	-	-	-	-	-	-	3	4	29		
South Hackney - - -		30339	27	8	3	3	-	-	-	-	-	-	-	-	-	-	-	-		
CENTRAL DISTRICTS.																				
St. George Bloomsbury - - -		17853	11	6	-	2	-	-	-	-	-	-	-	-	-	-	-	-		
St. Giles South WH - - -		19109	9	20	5	3	-	-	-	-	-	-	-	-	-	1	5	8		
St. Giles North - - -		16594	9	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
Long Acre - - -		11379	10	4	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
Charing Cross HH - - -		9859	2	8	2	-	-	-	-	-	-	-	-	-	-	-	1	5		
St. Mary-le-Strand - - -		9878	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Clement Danes H - - -		10723	5	11	1	2	-	-	-	-	-	-	-	-	-	3	1	5		
St. George-the-Martyr HHHHH - - -		20521	9	11	1	3	-	-	-	-	-	-	-	-	-	-	-	4		
St. Andrew Eastern W - - -		13529	8	20	3	2	-	-	-	-	-	-	-	-	-	-	-	14		
Saffron Hill H - - -		9066	7	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. James Clerkenwell W - - -		18917	17	11	5	3	-	-	-	-	-	-	1	-	-	1	1	-		
Amwell Clerkenwell - - -		16884	20	9	2	1	1	-	-	-	-	-	-	-	-	-	-	-		
Pentonville - - -		13337	8	4	1	1	-	-	-	-	-	-	-	-	-	-	1	-		
Goswell-street - - -		16242	10	7	2	2	-	1	-	-	-	-	-	-	-	-	2	-		
Old-street H - - -		12161	12	7	1	1	-	-	-	-	1	-	-	-	-	-	-	-		
City-road HHL - - -		18301	22	10	3	1	-	1	-	-	-	-	-	-	-	-	-	4		
Whitecross-street - - -		13792	8	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-		
Finsbury - - -		10741	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Botolph East London H - - -		14540	4	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cripplegate - - -		13638	3	6	-	2	-	-	-	-	-	-	-	-	-	-	-	-		
St. Sepulchre H - - -		7562	3	17	-	2	-	2	-	-	-	-	-	-	-	5	6	16		
St. Bride W - - -		11185	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Castle Baynard - - -		4426	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Christchurch - - -		6270	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Queenhithe - - -		4753	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
Allhallows Barking - - -		5764	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Broad-street H - - -		7845	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-		

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
 arday, 10th March 1877.

				The DEATHS registered in the Week include															
REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	Deaths of		Deaths from												Inquest Cases.	Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.				
EAST DISTRICTS.																			
Lywell Shoreditch - - -	12430	6	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Leonard Shoreditch <i>HL†</i> - - -	16545	13	5	-	-	1	-	-	-	-	-	-	-	-	-	1	2		
Ston New Town <i>w</i> - - -	27835	18	17	3	7	-	-	-	-	-	-	-	-	-	-	2	1		
Ston Old Town - - -	26933	14	16	-	2	-	-	-	-	-	1	-	-	-	-	1	2		
Aggerston West <i>W</i> - - -	24162	21	15	2	3	-	-	-	1	-	-	-	-	-	-	-	-		
Aggerston East <i>H</i> - - -	19259	22	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
ckney-road - - -	29822	27	14	2	3	-	-	3	-	-	-	-	-	-	-	1	-		
en, Bethnal Green <i>WHL†</i> - - -	42433	38	25	5	10	1	-	2	1	-	-	-	-	-	1	5	7		
arch, Bethnal Green - - -	26577	30	13	6	3	-	-	-	-	-	-	-	-	-	-	2	-		
wn, Bethnal Green - - -	21272	19	10	5	-	-	-	-	-	-	-	-	-	-	-	1	-		
talfields <i>H</i> - - -	22499	17	11	1	5	-	-	-	-	-	-	2	-	-	-	-	-		
le End New Town <i>W</i> - - -	15550	23	15	2	10	-	-	-	-	-	-	-	-	-	-	-	12		
Whitechapel North - - -	11597	4	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
Whitechapel Church <i>H</i> - - -	7322	11	15	-	1	2	-	-	-	-	-	-	-	-	-	1	11		
Edman's Fields - - -	10381	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
igate - - -	9224	6	6	1	-	-	-	-	-	-	1	-	-	-	-	-	-		
Mary St. George East - - -	17900	18	7	2	1	-	-	-	-	-	-	-	-	-	-	1	-		
Paul St. George East - - -	21350	16	7	2	2	1	-	-	-	-	-	-	-	-	-	2	10		
John St. George East <i>W</i> - - -	8802	8	11	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
adwell - - -	11640	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-	2		
itchiff <i>H</i> - - -	16131	16	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
nehouse <i>W</i> - - -	29919	24	12	3	1	1	-	-	-	-	1	-	-	-	-	-	-		
le End Old Town Western - - -	38128	18	25	6	6	-	2	1	-	1	-	-	1	-	-	2	-		
le End Old Town Eastern <i>WwvH</i> - - -	55024	50	33	12	5	-	-	3	-	-	-	1	-	-	3	5	5		
ow <i>wvHHL†</i> - - -	67765	74	64	11	14	9	-	1	1	2	-	-	-	-	1	3	15		
oplar <i>WW</i> - - -	48611	45	32	5	5	3	-	-	-	-	-	2	-	-	2	3	2		
SOUTH DISTRICTS.																			
ristchurch Southwark <i>WH</i> - - -	14573	12	7	2	1	-	-	-	-	-	-	-	-	-	-	1	-		
Saviour Southwark <i>H</i> - - -	15677	11	7	4	-	1	-	-	-	-	-	-	-	-	-	-	-		
nt-road - - -	20421	22	11	5	-	2	-	-	-	-	-	-	-	-	-	-	-		
rough-road <i>WH</i> - - -	16695	16	11	5	4	-	-	-	-	-	-	-	-	-	-	5	4		
ndon-road <i>HL</i> - - -	18961	7	13	-	1	-	-	-	2	1	-	-	-	-	-	1	-		
inity Newington - - -	23682	11	8	3	3	-	-	-	1	-	-	-	-	-	-	1	-		
Peter Walworth <i>W</i> - - -	48248	62	38	7	6	1	1	1	-	2	-	-	-	1	-	-	7		
Mary Newington - - -	16792	12	9	3	1	-	-	-	-	1	-	1	-	-	-	-	-		
Olave Southwark <i>H</i> - - -	4373	2	14	-	-	-	-	-	-	-	-	-	-	1	5	5	10		
John Horsleydown <i>W</i> - - -	10500	4	5	-	1	-	1	-	-	-	-	-	-	-	-	-	2		
ather Market - - -	16787	12	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Mary Magdalen <i>W</i> - - -	15709	13	7	2	4	-	-	-	-	-	-	-	-	-	-	-	3		
James Bermondsey - - -	47933	45	19	4	4	2	-	-	-	-	-	1	-	-	-	-	-		
otherhithe <i>W</i> - - -	27096	26	19	2	4	1	-	1	1	-	-	-	-	-	1	1	4		
Waterloo-road 1st <i>H</i> - - -	14074	11	15	3	3	-	-	-	-	-	-	-	-	-	3	3	2		
Waterloo-road 2nd <i>H</i> - - -	18465	13	9	3	2	-	-	-	-	-	-	-	-	-	-	-	1		
ambeth Church 1st <i>H</i> - - -	19492	26	14	2	3	1	1	-	1	-	-	-	-	-	2	2	7		
ambeth Church 2nd <i>WW</i> - - -	35833	39	32	10	9	-	-	-	-	-	-	-	-	-	-	2	12		
ennington 1st - - -	41286	33	22	3	5	1	-	-	1	-	-	1	-	-	-	-	-		
ennington 2nd - - -	31221	31	18	6	2	-	-	-	-	-	-	-	-	-	1	1	-		
rixton <i>w</i> - - -	35435	29	26	7	1	5	2	-	-	1	1	3	-	-	-	-	7		
orwood <i>W</i> - - -	12536	8	6	1	2	-	-	-	-	-	-	-	-	-	-	-	-		
apham <i>H</i> - - -	27347	19	7	2	1	1	-	-	-	-	-	-	-	-	-	1	-		
attersea <i>Ww</i> - - -	54016	53	41	18	8	-	-	-	-	2	-	2	-	-	-	2	5		
andsworth <i>HL</i> - - -	19783	14	8	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
utney - - -	9439	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
reatham - - -	14475	11	6	-	4	1	-	-	-	-	-	-	-	-	-	-	-		
ulwich - - -	4041	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
amberwell <i>WHL†L†</i> - - -	31254	27	27	2	10	-	-	-	-	-	-	-	-	-	1	1	12		
eckham <i>W</i> - - -	42160	35	21	3	7	1	2	-	-	-	-	-	-	-	-	-	-		
St. George Camberwell - - -	33851	28	11	4	1	1	-	-	-	1	-	-	-	-	-	-	-		
St. Paul Deptford - - -	53714	56	34	11	6	-	-	-	1	-	-	2	-	-	-	1	-		
St. Nicholas Deptford - - -	6474	2	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-		
Greenwich West - - -	21034	20	14	-	5	-	-	-	-	-	-	-	-	-	-	-	-		
Greenwich East <i>WH</i> - - -	19378	14	14	1	3	-	-	-	-	-	-	-	-	-	1	1	10		
atham <i>H</i> - - -	4539	-	3	1	-	-	-	-	1	-	-	-	-	-	-	-	-		
ee - - -	16440	10	5	3	1	-	-	-	-	-	-	-	-	-	-	-	3		
ewisham Village <i>WH</i> - - -	11513	16	4	1	-	-	-	-	-	-	-	-	-	-	2	-	1		
ydenham <i>H</i> - - -	19065	15	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-		
harlton <i>H</i> - - -	9564	5	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
oolwich Dockyard - - -	17226	14	8	3	2	-	-	-	-	-	-	-	-	-	1	-	-		
oolwich Arsenal <i>WHH</i> - - -	18331	18	11	2	2	-	-	-	-	-	-	-	-	-	-	1	1		
lumstead, West - - -	13027	8	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
lumstead, East <i>W</i> - - -	15232	9	14	4	1	1	-	-	-	-	-	-	-	-	1	2	-		

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the
 above Table by *w*:-

Central London Sick Asylum in Tottenham-court sub-district.	London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Kentish Town sub-district.	Stepney Bow sub-district.
London City Workhouse in Islington East sub-district.	Poplar & Stepney Sick Asylum
Holborn Infirmary " Hackney sub-district."	Westminster Union Industrial School in Battersea sub-district.
London City Workhouse " Hackney sub-district."	Small-pox and Fever Hospitals in Hampstead, Hackney, and Brixton sub-districts.
Holborn " Mile End Old Town Eastern sub-dist."	
Whitechapel " "	

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 10th March 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
						Deaths of		Deaths from											
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.				
	LONDON—OUTER RING	368,414	631,381	526	288	57	71	15	4	1	4	5	3	3	5	7	40		
29: 1	Carshalton W - - -	12228	13523	10	5	1	-	-	-	-	-	-	-	-	-	-	-		
2	Epsom (part of) * WH -	9971	9145	4	6	1	2	-	-	1	-	-	-	-	-	1	-		
36: 1	Godstone (part of) * - -	2754	900	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
37: 1	Croydon WWH - - -	20851	71319	49	37	5	11	-	1	-	2	1	-	-	-	-	4		
2	Mitcham WH - - -	11697	12534	10	8	1	4	-	-	-	-	-	1	-	-	-	-		
38: 1	Wimbledon HH - - -	3220	9087	7	4	1	1	-	-	-	-	-	-	-	1	-	1		
2	Kingston WH - - -	8549	27489	16	8	4	-	-	-	-	-	-	1	-	1	2	1		
3	Esher (part of) * - - -	6601	7353	12	1	1	-	-	-	-	-	-	-	-	-	-	-		
4	Hampton - - -	4573	10185	5	2	1	1	-	-	-	-	-	-	-	-	-	-		
39: 1	Richmond WH - - -	2271	16829	11	11	1	6	-	-	-	-	-	-	-	-	-	2		
2	Mortlake - - -	2961	9816	9	3	-	2	-	-	-	-	-	-	-	-	-	-		
40: 1	Bromley (part of) * HH -	15669	19509	10	7	3	-	-	-	-	-	-	-	-	-	-	-		
2	Chislehurst (part of) * W -	13665	10023	5	8	2	2	-	-	-	1	-	-	1	-	-	-		
41: 1	Bexley H - - -	13439	19566	16	5	2	1	-	-	-	-	1	-	-	-	-	-		
123: 1	Sunbury W - - -	11055	9860	4	6	-	1	-	-	-	-	-	-	-	-	-	2		
2	Staines W - - -	13277	10339	6	3	1	1	-	-	-	-	-	-	-	-	-	-		
124: 1	Hillingdon WH - - -	6029	9712	11	2	-	-	-	-	-	-	-	-	-	-	-	1		
2	Uxbridge - - -	6178	5329	2	2	-	1	-	-	-	-	-	-	-	-	-	-		
3	Hayes WL - - -	14587	10497	5	4	-	1	-	-	-	-	-	-	-	-	-	8		
125: 1	Isleworth W - - -	7008	19930	17	13	1	3	-	-	-	-	-	-	-	-	-	5		
2	Twickenham - - -	2477	10533	5	5	2	1	-	-	-	-	-	-	-	-	-	-		
3	Brentford HL - - -	4370	20279	22	8	1	3	-	-	-	-	-	-	-	1	1	-		
4	Chiswick - - -	1311	8508	5	3	-	1	-	-	-	-	-	-	-	-	-	-		
5	Acton WH - - -	6087	12683	14	8	2	-	1	-	-	-	-	-	-	1	1	1		
126: 1	Harrow H - - -	13809	10869	11	3	-	-	-	-	-	-	-	-	-	-	-	-		
2	Edgware - - -	6994	3450	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Willesden - - -	4383	15869	19	3	2	-	-	-	-	-	-	-	-	-	-	-		
4	Hendon WH - - -	8382	6972	6	3	1	1	-	-	-	-	-	-	-	-	-	1		
127: 1	South Mimms - - -	15419	5924	3	1	-	-	-	-	-	-	-	-	-	-	-	-		
2	Barnet W - - -	5423	7752	5	1	-	-	-	-	-	-	-	-	-	-	-	-		
3	Finchley L - - -	4688	11493	9	8	-	1	-	-	-	-	-	-	-	-	-	6		
128: 1	Hornsey H - - -	3039	19357	21	4	1	1	-	1	-	-	-	-	-	-	-	-		
2	Tottenham H - - -	4642	22869	19	11	4	4	-	1	-	-	-	-	-	-	-	-		
3	Edmonton WW - - -	7483	13860	10	8	-	5	3	-	-	-	1	-	-	-	-	7		
4	Enfield WH - - -	12653	16054	11	2	1	1	-	-	-	-	-	-	-	-	-	-		
5	Waltham Abbey - - -	11017	5197	-	1	1	-	-	-	-	-	-	-	-	-	-	-		
6	Cheshunt - - -	8493	7518	6	3	1	2	-	-	-	-	-	-	-	-	-	-		
134: 1	Hatfield (part of) * - -	3180	559	-	1	-	1	-	-	-	-	-	-	-	-	-	-		
136: 1	Bushey - - -	9028	6472	1	2	-	1	-	-	-	-	-	-	-	-	-	-		
135: 1	Stratford - - -	882	23286	29	12	1	1	1	-	-	-	1	-	-	1	1	-		
2	West Ham WWWW - - -	7345	44642	66	35	10	2	9	-	-	-	1	1	1	1	1	-		
3	Leyton WW - - -	4274	15513	17	11	-	6	-	-	-	-	-	-	-	-	-	6		
4	Walthamstow H - - -	6619	15701	13	6	1	2	-	1	-	-	-	-	-	-	-	-		
186: 1	Chigwell (part of) * H -	10483	8169	10	4	3	-	-	-	-	-	-	-	-	-	-	-		
188: 1	Romford (part of) * - -	6730	2879	1	2	-	1	-	-	-	1	-	-	-	-	-	-		
2	Ilford - - -	8492	5947	5	5	-	-	1	-	-	-	-	-	-	-	-	-		
3	Barking Town - - -	4128	6576	8	3	1	-	-	-	-	-	-	-	-	-	-	-		

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:— 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134: 1, only the parish of Northaw in Hatfield sub-district; 186: 1, the whole of the Chigwell sub-district, except the parish of Thoydon-Bolt (pop. 798); 188: 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 10th March, 1877.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from										Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.			
WATER LONDON	446,494	4,367,547	24·7	3·0	2070	429	448	111	37	18	8	33	28	13	64	427		
INNER LONDON -	78,080	3,533,484	26·3	3·1	1782	372	377	96	33	17	4	28	25	10	59	387		
UTER RING -	368,414	834,063	18·0	2·2	288	57	71	15	4	1	4	5	3	3	5	40		

E.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 28 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA -	429,535	February 3	-	284	34·5	Fevers 58; cholera 72.
BOMBAY -	644,405	January 30	-	494	40·0	Small-pox 17.
MADRAS -	397,552	" 19	-	906	118·9	Cholera 445; small-pox 44.
PARIS -	1,851,792	March 8	-	999	28·1	Typhoid fever 22; small-pox 4.
GENEVA* -	67,829	" 3	29	42	32·3	Fevers 2.
BRUSSELS -	188,609	" 3	96	81	22·4	Small-pox 3.
AMSTERDAM -	289,981	" 3	212	143	25·7	Croup 12.
ROTTERDAM -	136,231	" 3	132	73	28·0	—
THE HAGUE -	104,095	" 3	68	50	25·1	Whooping-cough 2.
COPENHAGEN -	215,000	February 27	151	100	24·3	Whooping-cough 6.
STOCKHOLM -	144,305	" 24	-	54	19·5	Scarlet fever 4.
CHRISTIANIA -	79,000	March 3	55	24	15·8	—
BERLIN -	994,343	February 17	871	463	24·3	Scarlet fever 11; diphtheria 11.
HAMBURG (State)	388,618	" 24	359	200	26·9	Measles 4.
DRESDEN -	202,295	" 24	-	92	23·6	Scarlet fever 6; diphtheria and croup 5.
BRESLAU -	246,813	March 3	176	114	24·1	—
MUNICH -	209,000	" 3	-	146	36·4	Diphtheria and croup 6.
VIENNA -	714,548	" 3	575	370	27·0	Small-pox 20; diphtheria 23.
BUDA-PESTH -	315,401	February 24	234	256	42·3	Diphtheria 5; small-pox 3.
ROME -	262,428	January 28	-	-	-	—
NAPLES -	454,948	February 18	-	324	37·2	Typhus 7.
TURIN -	223,488	" 24	129	109	25·4	Diphtheria and croup 7.
VENICE -	139,796	" 24	68	75	27·8	—
ALEXANDRIA -	212,034	" 24	183	163	40·1	Whooping-cough 3.
NEW YORK -	1,069,370	" 17	-	410	20·0	Scarlet fever 18; diphtheria 19.
BROOKLYN -	527,830	" 17	-	206	20·3	Scarlet fever 18; diphtheria 20.
PHILADELPHIA -	850,856	" 17	-	258	15·8	Typhoid fever 5; small-pox 3.
BOSTON -	352,000	" 17	-	147	21·7	Diphtheria 11.

* With suburbs, including Genf, Plain-palais, and Eaux-Vives.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 10th MARCH, 1877.
[Under the Superintendence of the Astronomer Royal.]

MOON.		BARO-METER.		READINGS OF THERMOMETERS.										DIFFERENCE				Degree of Humidity, complete saturation being represented on an average by 100.	WIND.				RAIN.	
Phases of Moon.		Mean daily reading (corrected and reduced to 32 deg. Fahr. height).		Dry.		Dew Point.		Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on Grass.		Lowest on the Grass, as shown by a self-registering Thermometer.		In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between Dew Point Temperature and Air Temperature.		Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*		As deduced from Anemometers.		Collected in a Gauge whose receiving surface is 5 in. above the ground.				
				High-est.	Low-est.	Range in day.	Mean daily value.	Mean daily value.	Thermo-meter.	Minimum	Maximum	Highest.	Lowest.	Mean daily value.	Greatest.	Least.	Mean of 24 Obs.	Pressure on square foot.	Osler's.	Robinson's.				
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				est.	est.	day.	value.	value.							est.		24 Obs.							
				est.	est.	day.	value.	value.							est.		24 Obs.							
				est.	est.	day.	value.	value.							est.		24 Obs.							
				est.	est.	day.	value.	value.							est.		24 Obs.							
				est.	est.	day.	value.	value.							est.		24 Obs.							
				est.	est.	day.	value.	value.							est.		24 Obs.							
				est.	est.	day.	value.	value.							est.		24 Obs.							
				est.	est.																			

DATE.	ELECTRICITY.		REGISTERED SUNSHINE, IN HOURS.		SKY AND ATMOSPHERE.		SUN ABOVE HORIZON, IN HOURS.	
MARCH.								
SUNDAY	4	Strong negative with sparks for a short time in afternoon.	0.0	11.1	Overcast. Great gloom in morning. Frequent rain.			
MONDAY	5		3.0	11.1	Fine; generally cloudy.			
TUESDAY	6		0.0	11.2	Overcast till evening, and a little thin rain fell; cloudless at night.			
WEDNESDAY	7	No electricity was shown at any examination.	1.4	11.2	Generally cloudy. Occasional snow and rain.			
THURSDAY	8		5.4	11.3	A fine day; partially cloudy. A little snow fell at times.			
FRIDAY	9		2.4	11.4	Fine in morning; generally overcast afterwards.			
SATURDAY	10		5.2	11.4	A fine day; partially cloudy till evening; cloudless at night.			
..		..	Sum 17.4	Sum 78.7				
No. of Col.		28	29	30				

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending December 31, 1845.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873. * In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and — "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 29.88 in. at the beginning of the week to 29.66 in. by noon on the 4th; increased to 29.74 in. by 9h. A.M. on the 5th; decreased to 29.15 in. by 3h. P.M. on the 7th; increased to 29.96 in. by noon on the 10th; and was 29.95 in. at the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS
OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 11. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, MARCH 17. [Price 1½d.

*General Register Office, Somerset House,
19th March, 1877.*

UNITED KINGDOM.

DURING last week 6131 *births* and 4326 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 1805. The mortality from all causes was at the average rate of 28 deaths annually in every 1000 persons living. The annual death-rate was 29 per 1000 in Edinburgh, 33 in Glasgow, and 30 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Sunderland 20, Bristol 23, Brighton 23, Nottingham 24, Portsmouth 24, Newcastle-upon-Tyne 24, Norwich 25, Birmingham 25, Leeds 26, Sheffield 26, Leicester 26, Plymouth 26, London 27, Hull 27, Bradford 28, Liverpool 31, Wolverhampton 33, Salford 33, Oldham 35, and Manchester 35. The annual death-rate from the seven principal zymotic diseases averaged 3·1 per 1000 in the twenty towns, and ranged from 0·0 and 0·6 in Brighton and Nottingham, to 4·3 in Sunderland and Wolverhampton, and 6·7 in Salford. Measles showed excessive fatality in Birmingham and Salford, and the high zymotic rate in Sunderland was caused by scarlet fever and typhoid fever. The deaths from small-pox in the twenty towns, which had been 103 and 107 in the two preceding weeks, further rose to 114 last week, of which 100 occurred in London, 10 in Liverpool, and 4 in Manchester and Salford (exclusive of three fatal municipal cases in the Monsall Hospital); no death from this disease was registered in any of the sixteen other towns.

LONDON.

In LONDON 2587 BIRTHS and 1800 DEATHS were registered. Allowing for increase of population, the births exceeded by 40, and the deaths by 153, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two preceding weeks had been equal to 22·6 and 26·3 per 1000, further rose last week to 26·6.

The 1800 deaths included 100 from small-pox, 44 from measles, 15 from scarlet fever, 5 from diphtheria, 36 from whooping-cough, 21 from different forms of fever, and 10 from diarrhoea; thus to the seven principal diseases of the zymotic class 231 deaths were referred, against numbers increasing steadily from 187 to 213 in the four preceding weeks. These 231 deaths exceeded by six the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 3·4 per 1000. The fatal cases of scarlet fever, diphtheria, whooping cough, and fever, continue considerably below the corrected average weekly numbers. The 44 deaths from measles showed a further increase upon the numbers returned in recent weeks, and included 22 in South London; 5 occurred in Kentish Town, 4 in St. Giles', 4 in St. Lukes', and 12 in Lambeth. The 36 fatal cases of whooping cough included 8 in Pancras, and 3 in Spitalfields. The 21 deaths referred to fever were 15 below the corrected average number; one was certified as typhus, 15 as enteric or typhoid, and 5 as low or simple continued fever. The fatal case of typhus belonged to Stepney, but was recorded in the Sick Asylum at Bow. Five of the deaths from enteric fever occurred in the Stockwell Fever Hospital.

The deaths from small-pox, which had been 84 and 96 in the two preceding weeks, further rose last week to 100; 42 were certified as unvaccinated, 30 as vaccinated, and 28 were "not stated" as to vaccination. The deaths of 14 children under five years of age and certified to be unvaccinated, were referred to small-pox. Of the 30 fatal cases at all ages certified as vaccinated, 19 were aged between 20 and 40 years, no reference to re-vaccination appearing in the certificates.

Of the 100 deaths from small-pox, 46 were recorded in the Metropolitan Asylum Hospitals, 6 in the Highgate Small-pox Hospital, one in St. Thomas' Hospital, and 2 in other public institutions; the remaining 45 cases occurred in private dwellings. Excluding one case admitted to hospital from Colchester, and distributing the remaining 54 hospital cases, it appears that 12 of the deceased small-pox patients had resided in Southwark, 13 in Bow, 7 in Islington, 5 in Pancras, and 5 in Mile End Old Town; in all, 13 belonged to the West, 16 to the North, 4 to the Central, 35 to the East, and 31 to the South groups of Districts. The fatal cases showed a decline in North London, whereas they had increased both in the West and East groups of Districts. Small-pox continues most fatally prevalent in East London, where the deaths referred to this disease were more numerous last week than in any previous week since the commencement of the epidemic.

The Metropolitan Asylum Small-pox Hospitals contained 952 patients on Saturday last, including 109 convalescent cases at Limehouse, against 898, 902, and 922 at the end of the three previous weeks. The new Metropolitan Asylum Hospital at Fulham contained 45 convalescent small-pox patients on Saturday last. The number of new cases admitted to these hospitals during the week were 212, against 230 and 223 in the two previous weeks.

Under the influence of the recent lower temperature the deaths referred to diseases of the respiratory organs and phthisis further rose to 687 last week, from 471, 524, and 678 in the three preceding weeks.

Different forms of violence caused 52 deaths; 48 were the result of negligence or accident, including 22 from fractures and contusions, 4 from burns and scalds, 5 from drowning, and 10 of infants under one year of age from suffocation. Four deaths were caused by horses or vehicles in the streets.

In the large Public Institutions 349 deaths were recorded, or 19 per cent. of the total deaths; of these, 229 occurred in Workhouse Establishments, 109 in Hospitals, and 11 in Lunatic Asylums.

GREATER LONDON.

In Greater London 3096 births and 2090 deaths were registered, equal to annual rates of 37·0 and 25·0 per 1000 of the population. Fourteen deaths from small-pox were registered in the Outer Ring, against 6 and 15 in the two preceding weeks; 6 occurred in the District of Edmonton, 6 in that of West Ham, and one each in Kingston and Hillingdon. Three deaths from fever occurred in Willesden sub-district, and two from diphtheria in Croydon.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 34, Bombay 42, Madras 146; Paris 30; Geneva 24; Brussels 30; Amsterdam 28, Rotterdam 29, The Hague 30; Copenhagen 22; Stockholm 31; Christiania 27; Berlin 23, Hamburg 30, Dresden 25, Breslau 26, Munich 34; Vienna 29, Buda-Pesth 40; Naples 36, Turin 31, Venice 28, Alexandria 48; Brooklyn 19, Philadelphia 18, and Boston 19. During the week ending 2nd February, 543 deaths from cholera occurred in Madras, against 445 and 275 in the two preceding weeks.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·64 in.; the highest reading was 30·07 in. on Sunday the 11th, and the lowest 29·34 in. on Friday. The mean temperature of the *air* was 41°·7, and 0°·5 above the average in the corresponding week of the 60 years 1814-73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed an excess on Tuesday, Wednesday, and Thursday, and was below the average on each of the other days of the week; on Sunday the mean was 33°·4, and 7°·3 below the average, while on Wednesday it rose to 48°·3, which was in excess by 7°·1. The lowest night temperature was 24°·8 on Sunday, and the highest day temperature in the shade 54°·7 on Wednesday; the extreme range in the week was, therefore, 29°·9. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 99°·9 on Friday. The difference between the mean *dew-point* and *air* temperature averaged 7°·7. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 41°·0. The mean degree of *humidity* of the air was 73, complete saturation being represented by 100. The general direction of the *wind* was westerly, and the horizontal movement of the air averaged 17·2 miles per hour, which was 4·7 above the average in the corresponding week of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·07 of an inch. The duration of registered sunshine in the week was 26·5 hours, out of 81·9 hours during which the sun was above the horizon.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 295,790 cubic metres, equivalent to about as many tons by weight.

TABLE 1. BIRTHS and DEATHS registered, and METEOROLOGY,* during the Week ending Saturday the 17th day of March 1877, in the following large TOWNS.

CITIES AND BOROUGHES. Municipal Boundaries, except for LONDON and DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 17th March 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERA- TURE OF THE AIR. (CENTI- GRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centi- metres.
3 TOWNS in the } UNITED KINGDOM }	212,881	8,144,940	38·3	6131	4326	58·5	24·8	41·3	5·17	0·29	0·73
LONDON - - -	75,362	3,533,484	46·9	2587	1800	54·7	24·8	41·7	5·39	0·07	0·18
WIGHTON - - -	2,354	102,264	43·4	71	46	54·4	26·4	40·6	4·78	0·04	0·10
PORTSMOUTH - - -	4,486	127,144	28·3	99	59	-	-	-	-	-	-
BRIGHTON - - -	7,472	84,023	11·2	65	40	55·0	27·0	40·1	4·50	0·11	0·28
PLYMOUTH - - -	1,395	72,911	52·3	41	37	58·5	34·0	44·6	7·01	0·15	0·38
BIRMINGHAM - - -	4,452	202,950	45·6	147	91	54·3	31·2	43·0	6·11	0·26	0·66
STOKE - - -	3,396	73,389	21·6	68	46	54·5	27·9	38·6	3·67	0·28	0·71
GLoucester - - -	8,400	377,436	44·9	342	180	-	-	-	-	-	-
MANCHESTER - - -	3,200	117,461	36·7	106	59	55·0	27·5	42·6	5·90	0·05	0·13
LIVERPOOL - - -	1,996	95,025	47·6	68	44	53·9	29·0	41·1	5·06	0·23	0·58
GLoucester - - -	5,210	527,083	101·2	414	311	48·8	32·0	40·8	4·89	0·62	1·57
GLoucester - - -	4,293	359,213	83·7	278	242	52·5	33·2	41·7	5·39	0·80	2·03
GLoucester - - -	5,170	141,184	27·3	148	89	51·5	28·7	40·4	4·66	0·68	1·73
GLoucester - - -	4,666	89,796	19·2	78	60	-	-	-	-	-	-
GLoucester - - -	7,220	179,315	24·8	132	96	49·8	32·8	39·4	4·11	0·37	0·94
GLoucester - - -	21,572	298,189	13·8	257	149	52·0	31·0	40·8	4·89	0·29	0·74
GLoucester - - -	19,651	282,130	14·4	224	141	52·0	29·5	40·5	4·72	0·41	1·04
GLoucester - - -	3,635	140,002	38·5	127	72	54·0	27·0	40·4	4·66	0·29	0·74
GLoucester - - -	3,306	110,382	33·4	77	43	55·0	32·0	42·6	5·90	0·10	0·25
GLoucester - - -	5,371	142,231	26·5	115	66	-	-	-	-	-	-
GLoucester - - -	4,191	218,729	52·2	113	122	48·0	28·0	40·0	4·44	0·27	0·69
GLoucester - - -	6,033	555,933	92·1	392	352	-	-	-	-	-	-
GLoucester - - -	10,050	314,666	31·3	182	181	58·0	30·9	44·0	6·67	0·14	0·36

For names of the Meteorological Observers in the several towns, see note at foot of Table 4. The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by the addition of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,055,612 persons, and in DUBLIN, during the Week ending Saturday the 17th day of March 1877.

BOROUGHES, &c. <i>Municipal Boundaries, except for LONDON and DUBLIN.)</i>	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from										
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
In 20 TOWNS -	27·2	3·1	3671	878	825	114	73	40	15	85	64	30	97	190	594	
LONDON - - -	26·6	3·4	1800	392	426	100	44	15	5	36	21	10	52	106	349	
WIGHTON - - -	23·5	0·0	46	7	16	-	-	-	-	-	-	-	-	-	2	
PORTSMOUTH - - -	24·2	2·9	59	14	21	-	-	2	-	2	3	-	1	1	9	
BRIGHTON - - -	24·8	3·7	40	8	14	-	2	1	-	-	3	-	-	2	-	
PLYMOUTH - - -	26·5	2·2	37	8	15	-	-	-	1	-	1	1	-	1	5	
BIRMINGHAM - - -	23·4	2·6	91	29	17	-	3	1	-	3	3	-	-	1	16	
SOLVERHAMPTON - - -	32·7	4·3	46	12	9	-	-	1	-	1	3	1	1	2	8	
BIRMINGHAM - - -	24·9	3·0	180	41	31	-	10	1	1	2	2	6	6	11	16	
GLoucester - - -	26·2	1·3	59	14	16	-	1	1	-	-	1	-	-	2	7	
LIVERPOOL - - -	24·2	0·6	44	11	8	-	-	-	1	-	-	-	-	1	3	
LIVERPOOL - - -	30·8	3·2	311	89	53	10	-	2	1	8	8	3	9	12	55	
MANCHESTER - - -	35·2	4·2	242	61	41	1	2	3	3	15	2	3	5	20	46	
BIRMINGHAM - - -	32·9	6·7	89	19	17	3	7	2	2	1	1	2	3	5	8	
GLoucester - - -	34·9	3·5	60	19	8	-	-	1	-	3	1	1	2	2	2	
BIRMINGHAM - - -	27·9	1·2	96	30	18	-	-	-	-	2	2	-	1	4	7	
GLoucester - - -	26·1	1·4	149	47	31	-	-	2	-	1	4	1	8	10	16	
GLoucester - - -	26·1	3·3	141	33	29	-	2	2	1	9	3	1	5	5	24	
GLoucester - - -	26·8	1·1	72	20	22	-	1	-	-	1	1	-	2	2	10	
GLoucester - - -	20·3	4·3	43	12	13	-	-	4	-	1	4	-	1	1	2	
GLoucester - - -	24·2	1·8	66	12	20	-	1	2	-	-	1	1	1	2	9	
DUBLIN - - -	30·0	3·3	181	16	48	1	2	4	-	1	11	1	2	2	56	

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the ELEVENTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2146	2288	2166	2308	2297	2443	2509	2608	2518	2523	2380·6	2587
Males . .	1098	1172	1116	1150	1150	1214	1300	1310	1282	1279	1207·1	1317
Females . .	1048	1116	1050	1158	1147	1229	1209	1298	1236	1244	1173·5	1270
TOTAL Deaths	1572	1309	1549	1532	1576	1475	1499	1611	1728	1546	1539·7	1800
Males . .	763	665	777	775	835	764	799	844	920	768	791·0	919
Females . .	809	644	772	757	741	711	700	767	808	778	748·7	881

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867–76, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Dec. 23.	Dec. 30.	Jan. 6.	Jan. 13.	Jan. 20.	Jan. 27.	Feb. 3.	Feb. 10.	Feb. 17.	Feb. 24.	Mar. 3.	Mar. 10.	Mar. 17.
TOTAL Deaths - - -	1456	1510	1507	1358	1491	1425	1528	1504	1462	1495	1529	1782	1800
0–20 - - -	626	713	673	565	693	636	673	648	653	675	700	810	850
20–40 - - -	256	183	229	218	244	226	214	215	234	206	232	269	247
40–60 - - -	256	274	277	261	258	254	292	262	248	289	258	326	277
60–80 - - -	272	280	278	265	217	251	289	317	263	263	289	313	338
at 80 years & upwds.	46	60	50	49	79	58	60	62	64	62	48	64	88
Deaths of children { Under 1 year -	313	357	340	263	367	331	337	317	334	323	334	372	392
{ 1–5 - - -	217	254	222	202	219	209	241	212	215	259	246	306	331
{ 5–20 - - -	96	102	111	100	107	96	95	119	104	93	122	132	127
Deaths from 7 principal Zymotic Diseases -	237	235	253	214	210	204	231	207	187	208	212	213	231
„ „ Small-pox - - -	97	75	116	100	79	86	103	90	72	104	84	96	100
„ „ Measles - - -	30	40	28	24	17	22	22	21	18	14	23	33	44
„ „ Scarlet fever - -	37	29	25	23	42	21	23	14	19	16	23	17	15
„ „ Diphtheria - - -	8	9	12	4	5	3	4	7	6	5	4	4	5
„ „ Whooping-cough -	23	34	32	25	31	40	41	44	38	38	40	28	36
„ „ Typhus fever - - -	5	5	3	3	5	4	5	2	7	2	1	2	1
„ „ Enteric (or Typhoid) fever -	15	16	14	17	10	14	14	11	9	11	13	20	15
„ „ Simple Contag fever -	5	6	5	2	3	3	1	7	2	4	2	3	5
„ „ Diarrhœa - - -	17	21	18	16	18	11	18	11	16	14	22	10	10
„ „ Simple Cholera - -	-	1	1	-	-	-	-	-	-	-	-	-	-
„ „ Dis. of Respiratory Organs -	305	352	298	291	290	304	375	381	355	303	355	452	498
„ „ Phthisis - - -	163	149	134	139	166	147	156	173	166	168	169	226	189
„ „ Heart Diseases - -	78	91	101	75	81	96	95	101	96	84	95	102	102
Violent Deaths - - -	54	71	89	51	55	52	45	51	45	54	46	59	52
Inquest Cases - - -	93	123	170	96	101	91	95	111	83	120	90	114	106
Deaths in Public Institutions	297	293	335	297	316	283	319	317	275	329	311	387	349
TEMPERATURE OF THE AIR:													
Mean - - - - -	39·9	43·3	46·8	41·5	45·5	39·0	43·0	46·3	46·4	40·4	39·1	36·9	41·7
Mean of Highest readings -	44·0	46·9	50·9	46·2	49·8	46·8	48·7	52·2	51·8	45·8	46·6	42·7	49·0
Mean of Lowest readings -	35·8	39·0	42·0	37·4	39·7	30·7	36·7	40·5	42·2	35·7	33·2	32·9	34·8
Mean Temperature of the Water of the Thames -	42·7	38·5	44·9	44·6	42·7	43·2	41·0	44·1	47·5	44·4	41·3	41·8	41·0
Humidity of the Air - - -	92	92	87	90	90	87	84	85	82	79	75	80	73
Rain-fall in inches - - -	2·19	1·23	1·34	1·96	0·39	0·40	0·42	0·06	0·78	0·68	0·31	0·47	0·07
Registered Sunshine (in hours)	0·4	0·0	2·0	1·3	0·8	11·2	5·3	2·3	9·3	9·8	17·0	17·4	26·5

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the ELEVENTH Week of the Year 1877.

OF DEATH.	Average in the Eleventh Weeks of the 10 years 1867-76.*	In the Week ending Saturday, March 17, 1877.								CAUSES OF DEATH.	Average in the Eleventh Weeks of the 10 years 1867-76.	In the Week ending Saturday, March 17, 1877.							
		Deaths of Persons of the Ages										Deaths of Persons of the Ages							
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
			Mean Tem.	0-1.	1-5.								5-20.	Mean Tem.	0-1.					1-5.	5-20.
Temperature -	40° 4	41° 7	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	Mean Temperature -	40° 4	41° 7	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
USES -	1539·7	1800	392	331	127	247	277	338	88	9. Stricture of Intestines	1·1	2	-	-	-	-	-	2	-
ED CAUSES	1532·9	1797	391	330	127	247	276	338	88	10. Fistula -	·3	1	-	-	-	-	1	-	-
IC DISEASES.										11. Stomach Disease, &c. -	6·7	7	1	1	-	1	3	1	-
ORDER 1.										12. Pancreas Disease, &c. -	-	-	-	-	-	-	-	-	-
Apoplexy -	28·9	100	6	16	32	41	3	2	-	13. Hepatitis -	3·2	4	-	-	-	1	2	2	-
Smallpox -	29·8	44	6	33	4	1	-	-	-	14. Jaundice -	5·0	4	2	-	-	2	12	2	-
Scarlet Fever -	28·5	15	-	9	5	1	-	-	-	15. Liver Disease, &c. -	17·7	16	-	-	-	-	-	-	-
Dysentery -	5·8	5	-	4	1	-	-	-	-	16. Spleen Disease, &c. -	·2	-	-	-	-	-	-	-	-
Cholera -	·9	-	-	-	-	-	-	-	-	ORDER 5.									
Whooping-cough -	13·2	14	-	13	1	-	-	-	-	1. Nephritis -	2·1	2	1	-	-	-	1	-	-
Scarlet or Typhoid Fev. -	68·0	36	16	20	-	-	-	1	-	2. Ischuria -	·2	-	-	-	-	-	-	-	-
Continued Fev. -	33·7	15	1	1	7	4	2	-	-	3. Bright's Dis. (Nephria) -	12·1	18	-	-	1	7	7	2	-
Measles -	7·7	9	4	-	3	-	1	4	-	4. Diabetes -	2·3	5	-	-	2	2	1	-	-
General Fev. (Metria) -	5·0	2	-	-	-	1	1	-	-	5. Calculus (Stone) -	·5	1	-	-	-	-	1	-	-
Measles -	·6	-	-	-	-	-	-	-	-	6. Cystitis -	1·5	1	-	-	-	-	-	-	-
Scarlet -	1·3	10	6	3	1	-	-	-	-	7. Kidney Disease, &c. -	8·9	11	-	-	1	4	3	3	-
Cholera -	·3	-	-	-	-	-	-	-	-	ORDER 6.									
Scarlet Fever -	8·8	9	-	-	1	1	5	2	-	1. Ovarian Dropsy -	·4	1	-	-	-	1	-	-	-
Zymotic Diseases	·7	-	-	-	-	-	-	-	-	2. Uterus Disease, &c. -	3·9	6	-	-	-	2	3	1	-
ORDER 2.										ORDER 7.									
Disinfection -	7·8	15	13	-	-	1	1	-	-	1. Synovitis (Arthritis) -	·1	1	-	-	-	1	-	-	-
Disinfection of Urethra -	1·5	2	-	-	-	1	-	-	-	2. Joint Disease, &c. -	7·2	8	-	1	6	-	-	1	-
Disinfection of Phobia -	-	1	-	-	-	-	-	-	-	ORDER 8.									
Disinfection of Spleen -	-	-	-	-	-	-	-	-	-	1. Phlegmon -	3·2	7	4	-	1	-	1	1	-
ORDER 3.										2. Ulcer -	1·5	1	-	-	-	-	-	-	1
Disinfection of Breast-milk -	6·4	16	16	-	-	-	-	-	-	3. Skin Disease, &c. -	1·2	1	-	-	-	-	-	-	1
Disinfection of Scurvy -	2·9	4	-	3	-	-	-	1	-	IV. DEVELOPMENTAL DISEASES.									
Disinfection of Del. Tremens -	·9	2	-	-	-	1	1	-	-	ORDER 1.									
Disinfection of Intemperance -	1·4	2	-	-	-	1	1	-	-	1. Premature Birth -	23·3	28	28	-	-	-	-	-	-
ORDER 4.										2. Cyanosis -	4·2	5	4	-	-	1	-	-	-
Disinfection of Spleen -	3·1	2	2	-	-	-	-	-	-	3. Spina Bifida -	·7	5	5	-	-	-	-	-	-
Disinfection of Spleen -	·3	-	-	-	-	-	-	-	-	4. Other Malformations -	1·3	4	4	-	-	-	-	-	-
STITUTIONAL.										5. Teething -	20·5	28	10	18	-	-	-	-	-
ORDER 1.										ORDER 2.									
Disinfection of Spleen -	3·2	4	-	-	-	-	-	3	1	1. Paramenia -	·4	-	-	-	-	-	-	-	-
Disinfection of Spleen -	12·5	8	-	1	1	1	1	3	1	2. Childbirth (see Puer- peral Fever) -	4·8	7	-	-	-	6	1	-	-
Disinfection of Spleen -	30·3	33	-	-	-	5	17	10	1	ORDER 3.									
Disinfection of Spleen -	·7	-	-	-	-	-	-	-	-	1. Old Age -	56·4	60	-	-	-	-	-	28	32
Disinfection of Spleen -	3·5	4	1	-	-	-	-	3	-	ORDER 4.									
ORDER 2.										1. Atrophy and Debility	64·0	52	40	5	-	-	2	5	-
Disinfection of Spleen -	8·6	23	10	7	5	-	-	1	-	V. VIOLENT DEATHS, &c.									
Disinfection of Spleen -	20·9	24	13	7	4	-	-	-	-	ORDER 1.									
Disinfection of Spleen -	184·2	189	5	6	13	98	58	8	1	(ACCIDENT or NEGLIGENCE.)									
Disinfection of Spleen -	31·0	43	11	26	4	2	-	-	-	1. Fractures and Contusions	15·0	22	-	4	3	4	7	4	-
AL DISEASES.										2. Wounds { Gunshot } { Cut, Stab }	·9	-	-	-	-	-	-	-	-
ORDER 1.										3. Burns and Scalds	4·5	4	-	3	-	-	-	1	-
Disinfection of Spleen -	17·4	23	7	11	3	1	-	1	-	4. Poison -	1·0	1	-	-	-	1	-	-	-
Disinfection of Spleen -	39·3	46	2	1	-	14	21	7	-	5. Drowning -	3·6	5	-	-	1	4	-	-	-
Disinfection of Spleen -	35·4	31	-	-	-	4	22	5	-	6. Suffocation -	9·1	12	10	-	-	2	-	-	-
Disinfection of Spleen -	2·3	1	-	-	-	-	-	-	-	7. Otherwise -	1·6	4	1	-	1	-	1	1	-
Disinfection of Spleen -	·4	-	-	-	-	-	-	-	-	ORDER 3.									
Disinfection of Spleen -	8·0	4	-	-	2	1	1	-	-	(HOMICIDE.)									
Disinfection of Spleen -	56·8	65	49	16	-	-	-	-	-	1. Murder & Manslaughter	1·7	-	-	-	-	-	-	-	-
Disinfection of Spleen -	21·5	26	1	1	1	5	6	9	3	ORDER 4.									
ORDER 2.										(SUICIDE.)									
Disinfection of Spleen -	2·6	2	-	-	2	-	-	-	-	1 Wounds { Gunshot } { Cut, Stab }	·4	1	-	-	-	1	-	-	-
Disinfection of Spleen -	2·7	3	-	-	-	2	-	-	-	2. Poison -	1·2	1	-	-	-	-	-	-	-
Disinfection of Spleen -	75·1	97	1	1	10	16	30	36	3	3. Drowning -	1·0	-	-	-	-	-	-	-	-
ORDER 3.										4. Hanging -	1·5	-	-	-	-	-	-	-	-
Disinfection of Spleen -	14·2	15	5	10	-	-	-	-	-	5. Otherwise -	·7	-	-	-	-	-	-	-	-
Disinfection of Spleen -	234·6	310	58	55	3	9	44	115	26	ORDER 5.									
Disinfection of Spleen -	5·0	11	-	3	-	3	3	2	-	(EXECUTION.)									
Disinfection of Spleen -	90·9	129	33	46	6	12	13	11	3	1. Hanging -	-	-	-	-	-	-	-	-	-
Disinfection of Spleen -	14·5	14	-	-	2	3	9	-	-	Violent Deaths (not classed)	·8	-	-	-	-	-	-	-	-
Disinfection of Spleen -	18·4	19	9	2	2	2	1	3	-	Sudden Deaths (Cause unascertained) -	1·2	-	-	-	-	-	-	-	-
ORDER 4.										Causes not specified or ill-defined -	5·6	3	1	1	-	-	1	-	-
Disinfection of Spleen -	1·3	1	-	-	-	-	-	1	-										
Disinfection of Spleen -	4·8	2	3	1	-	1	1	1	-										
Disinfection of Spleen -	6·0	2	-	-	-	-	2	-	-										
Disinfection of Spleen -	2·1	2	-	-	-	-	-	-	-										
Disinfection of Spleen -	3·2	5	-	-	2	1	1	1	-										
Disinfection of Spleen -	4·1	1	1	-	-	-	-	-	-										
Disinfection of Spleen -	3·1	6	2	-	-	-	2	2	-										
Disinfection of Spleen -	·9	-	-	-	-	-	-	-	-										

These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1877.

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, during the Week ended

REGISTRATION SUB-DISTRICTS.		Enu- mer- ated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include													Inquest Cases.
					Deaths of		Deaths from											
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.		
LONDON - - -		3,254,260	2587	1800	392	426	100	44	15	5	36	1	15	5	10	52	106	
WEST DISTRICTS - - -		561,359	388	258	52	77	2	2	2	-	3	-	1	-	-	13	21	
NORTH DISTRICTS - - -		751,729	571	441	95	100	51	5	6	1	12	-	5	1	5	7	32	
CENTRAL DISTRICTS - - -		334,369	185	153	25	35	3	9	-	1	3	-	1	-	1	6	13	
EAST DISTRICTS - - -		639,111	560	369	91	73	19	6	5	1	8	1	1	1	-	13	21	
SOUTH DISTRICTS - - -		967,692	883	579	129	141	25	22	2	2	10	-	7	3	4	13	19	
WEST DISTRICTS.																		
St. Mary Paddington WH - - -		58728	45	24	2	11	-	1	-	-	1	-	-	-	-	-	-	
St. John Paddington H - - -		38085	15	18	-	5	-	-	-	-	-	-	-	-	-	1	2	
Kensington Town W - - -		91645	80	50	13	19	-	-	-	-	-	-	-	-	-	3	4	
Brompton H - - -		28654	16	15	-	4	-	-	-	-	-	-	-	-	-	1	2	
St. Peter Hammersmith - - -		6662	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
St. Paul Hammersmith H - - -		36029	36	14	5	1	1	-	-	-	-	-	-	-	-	1	1	
Fulham WH - - -		23350	33	15	5	3	-	-	-	-	-	-	-	-	-	1	1	
Chelsea South HHH - - -		26420	18	11	2	3	-	-	-	-	1	-	-	-	-	-	1	
Chelsea North-west WHHHH - - -		22926	28	17	4	7	-	-	-	-	-	-	-	-	-	-	1	
Chelsea North-east - - -		21392	13	12	5	3	-	-	-	-	-	-	-	-	-	2	3	
Hanover Square H - - -		18698	4	5	1	2	-	-	-	-	-	-	-	-	-	1	2	
May Fair WW - - -		13358	6	8	1	4	-	-	-	-	-	-	-	-	-	-	-	
Belgrave HH - - -		57972	31	27	3	5	-	-	1	1	-	-	-	-	-	-	-	
St. John Westminster HH - - -		38478	17	14	4	2	-	-	-	-	-	-	-	-	-	1	1	
St. Margaret Westminster WH - - -		27781	14	14	4	3	-	-	-	1	-	-	-	-	-	1	3	
Golden Square WH - - -		12860	8	6	2	3	-	-	-	-	-	-	-	-	-	-	1	
Berwick-street H - - -		20759	10	3	1	-	1	-	-	-	-	-	-	-	-	-	-	
St. Anne Soho HHHHH - - -		17562	12	4	-	1	-	-	-	-	-	-	-	-	-	1	-	
NORTH DISTRICTS.																		
All Souls Marylebone HHHH - - -		28579	20	19	3	5	-	-	-	-	-	-	-	-	-	1	1	
Cavendish Square HH - - -		15425	6	6	1	2	-	-	-	-	-	-	-	-	-	-	-	
Rectory Marylebone WH - - -		26384	17	24	2	15	-	-	-	-	-	-	-	-	-	-	-	
St. Mary Marylebone HHH - - -		21786	24	10	2	5	-	-	-	-	-	-	-	-	2	-	-	
Christchurch Marylebone H - - -		33944	26	11	4	1	-	-	-	-	1	-	-	-	-	-	-	
St. John Marylebone H - - -		33186	30	14	1	5	-	-	-	-	-	-	-	-	-	-	-	
Hampstead WvHH - - -		32281	22	28	5	1	14	-	-	-	1	-	-	-	-	1	2	
Regent's Park Pancras H - - -		38200	36	13	3	2	1	-	1	-	3	-	-	-	-	-	2	
Tottenham-court WHHH - - -		29370	15	15	3	2	-	-	-	-	-	-	-	-	-	-	-	
Gray's Inn Lane HH - - -		29221	23	18	4	2	-	-	-	-	1	-	1	-	-	-	3	
Somers Town - - -		38533	33	17	5	7	-	-	-	-	1	-	1	-	-	1	2	
Camden Town W - - -		17943	7	9	4	3	-	-	-	-	-	-	-	-	-	1	2	
Kentish Town w - - -		68198	58	50	8	9	2	5	-	-	3	-	-	-	-	1	4	
Islington West HHH - - -		97820	62	54	13	11	8	-	2	-	1	-	-	-	-	-	2	
Islington East WvWH - - -		115953	94	63	16	17	3	-	1	1	-	-	-	-	-	1	5	
Stoke Newington H - - -		9841	14	6	-	3	-	-	-	-	-	-	-	-	-	1	1	
Stamford Hill - - -		6598	5	2	1	-	-	-	-	-	-	-	-	-	-	-	1	
West Hackney - - -		28069	17	20	9	2	-	-	-	-	-	-	-	-	-	-	1	
Hackney WvWH - - -		50104	38	52	10	6	23	-	1	-	1	-	-	1	1	-	1	
South Hackney - - -		30339	24	10	1	2	-	-	1	-	-	-	1	-	2	-	4	
CENTRAL DISTRICTS.																		
St. George Bloomsbury - - -		17853	3	6	2	1	-	-	-	-	-	-	-	-	-	-	-	
St. Giles South WH - - -		19109	13	15	1	3	1	1	-	-	-	-	-	-	-	-	1	
St. Giles North - - -		16594	8	8	1	-	-	-	-	3	-	-	-	-	-	-	-	
Long Acre - - -		11379	6	7	-	4	-	-	-	-	-	-	-	-	1	-	-	
Charing Cross HH - - -		9859	4	6	-	2	-	-	-	-	-	-	1	-	-	-	1	
St. Mary-le-Strand - - -		9378	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Clement Danes H - - -		10723	7	8	2	1	-	-	-	-	-	-	-	-	-	-	1	
St. George-the-Martyr HHHHH - - -		20521	17	17	3	1	-	-	-	-	1	1	-	-	-	-	-	
St. Andrew Eastern W - - -		13529	7	7	1	3	-	-	-	-	-	-	-	-	-	-	-	
Saffron Hill H - - -		9066	2	5	-	2	-	1	-	-	-	-	-	-	-	-	-	
St. James Clerkenwell W - - -		18917	8	6	4	-	-	-	-	-	-	-	-	-	-	-	-	
Amwell Clerkenwell - - -		16884	10	10	2	3	-	-	-	-	-	-	-	-	-	-	-	
Pentonville - - -		13337	12	4	2	-	-	-	-	-	-	-	-	-	2	-	2	
Goswell-street - - -		16242	7	6	-	3	-	-	-	-	-	-	-	-	-	-	-	
Old-street H - - -		12161	6	8	1	1	-	-	-	-	-	-	-	-	-	-	-	
City-road HHL - - -		18301	18	8	-	-	-	-	-	-	-	-	-	-	-	-	-	
Whitecross-street - - -		13792	11	7	1	1	-	2	-	-	-	-	-	-	-	-	1	
Finsbury - - -		10741	4	4	2	-	-	2	-	-	-	-	-	-	-	-	2	
St. Botolph East London H - - -		14540	9	2	-	2	-	-	-	-	-	-	-	-	-	-	-	
Cripplegate - - -		13638	10	10	3	3	-	-	-	-	-	-	-	-	-	-	-	
St. Sepulchre H - - -		7562	4	3	-	1	-	-	-	-	-	-	-	-	-	1	2	
St. Bride W - - -		11185	3	5	-	3	-	-	-	-	-	-	-	-	-	1	1	
Castle Baynard - - -		4426	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Christchurch - - -		6270	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
Queenhithe - - -		4753	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Allhallows Barking - - -		5764	1	2	-	1	-	-	-	-	-	-	-	-	-	-	1	
Broad Street H - - -		7845	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1	

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see 24 at the foot of next page.

and, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
 Day, 17th March 1877.

REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include														
				Deaths of		Deaths from												
				Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	
EAST DISTRICTS.																		
Well Shoreditch	12430	2	4	1	2	-	-	-	-	-	-	-	-	-	-	1	1	-
Leonard Shoreditch HL†	16545	13	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. New Town W	27835	26	9	4	2	1	-	-	-	-	-	-	-	-	-	1	2	1
St. Old Town	26933	24	15	2	1	-	2	-	-	-	-	-	-	-	-	-	-	-
St. Peter's West W	24162	36	24	14	2	1	-	-	-	-	-	1	-	-	-	-	-	7
St. Peter's East H	19259	20	10	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Well Road	29822	31	12	3	2	-	-	-	-	-	-	-	1	-	-	-	-	-
St. Bethnal Green WHL†	42433	36	32	4	9	-	1	1	-	-	-	-	-	-	-	1	2	15
St. Bethnal Green	26577	29	11	4	2	1	1	-	-	-	-	-	-	-	-	-	-	-
St. Bethnal Green	21272	19	6	1	1	-	-	-	-	1	-	-	-	-	-	-	1	-
Well Fields H	22499	21	12	3	2	2	-	-	-	-	3	-	-	-	-	-	-	-
St. New Town W	15550	5	18	3	8	-	-	-	-	-	-	-	-	-	-	1	-	9
St. Chapel North	11597	12	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Chapel Church H	7322	8	13	-	1	-	-	-	-	-	-	-	-	-	-	4	5	11
St. Peter's Fields	10381	10	3	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-
Well	9224	3	3	-	2	-	-	-	-	-	-	-	-	-	-	1	2	-
St. Mary St. George East	17900	17	5	1	1	-	-	-	1	-	1	-	-	-	-	-	-	-
St. Mary St. George East	21350	15	13	4	5	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary St. George East W	8802	5	9	-	3	-	-	-	-	-	-	-	-	-	-	-	-	7
Well	11640	8	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary H	16131	7	9	2	3	-	-	-	-	-	-	-	-	-	-	-	-	1
St. Mary House W	29919	19	9	3	2	-	-	-	1	-	1	-	-	-	-	-	1	-
St. New Town Western	38128	32	15	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. New Town Eastern WWH	55024	53	32	5	6	1	1	-	1	-	-	-	-	-	-	-	-	5
St. Mary WHL†	67765	61	65	18	12	9	-	1	-	2	1	-	-	-	-	-	1	16
St. Mary WW	48611	48	28	4	4	3	1	1	-	-	-	-	-	-	-	3	5	1
SOUTH DISTRICTS.																		
St. Andrew Church Southwark WH	14573	8	11	3	1	-	2	-	-	-	-	-	-	-	-	-	-	1
St. Andrew Church Southwark H	15677	7	9	2	2	-	-	-	-	-	-	-	-	-	-	-	1	-
St. Andrew Road	20421	19	12	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Road WH	16695	10	10	1	1	-	1	-	-	1	-	-	-	-	-	1	-	3
St. Andrew Road HL	18961	9	12	3	2	-	1	-	-	1	-	-	-	-	-	-	-	-
St. Andrew Newington	23682	16	10	4	1	1	-	-	-	-	-	1	-	-	-	1	1	-
St. Andrew Walworth W	48248	45	32	8	12	-	1	-	-	-	-	1	-	-	-	-	-	9
St. Andrew Newington	16792	26	10	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Southwark H	4373	1	12	-	3	-	-	-	-	-	-	-	-	-	-	1	2	11
St. Andrew Horsleydown W	10500	10	8	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Market	16787	12	9	2	-	-	1	-	-	-	-	-	-	-	-	1	1	-
St. Andrew Magdalen W	15709	7	9	1	5	1	-	-	-	-	-	-	-	-	-	1	-	8
St. Andrew Bermondsey	47933	46	19	6	4	2	-	-	-	1	-	-	-	-	-	-	1	-
St. Andrew Rotherhithe W	27096	46	17	3	2	2	1	-	-	-	-	-	-	-	-	-	-	2
St. Andrew Road 1st H	14074	13	7	1	1	-	-	-	-	1	-	-	-	-	-	-	1	2
St. Andrew Road 2nd H	18465	17	11	5	-	-	2	1	-	-	-	-	-	-	-	1	1	1
St. Andrew Church 1st H	19492	15	18	2	6	1	4	-	-	-	-	-	-	-	-	-	-	7
St. Andrew Church 2nd WW	35833	36	31	6	14	-	2	-	-	1	-	-	-	-	-	-	1	17
St. Andrew 1st	41286	36	22	4	6	-	-	-	-	-	-	-	-	-	-	2	2	-
St. Andrew 2nd	31221	19	11	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew W	35435	33	36	5	4	12	4	-	-	1	-	5	-	-	-	-	-	17
St. Andrew W	12536	10	10	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew H	27347	23	14	2	8	-	-	-	-	-	-	-	-	-	-	2	2	-
St. Andrew W	54016	79	36	12	11	-	-	-	-	1	-	-	-	-	-	1	1	5
St. Andrew HL	19783	13	10	-	2	-	-	-	1	-	1	-	-	-	-	-	-	4
St. Andrew	9439	10	6	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew	14475	12	3	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
St. Andrew	4041	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew WL†L†	31254	31	25	4	11	-	-	-	-	1	-	-	1	-	-	-	1	7
St. Andrew W	42160	45	21	8	5	1	-	-	-	-	-	-	-	-	-	-	1	-
St. Andrew Camberwell	33851	36	27	7	2	2	-	-	-	-	-	-	-	-	-	1	1	-
St. Andrew Deptford	53714	45	31	8	5	2	-	-	-	-	1	-	-	-	-	1	1	-
St. Andrew Deptford	6474	11	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew West	21034	16	9	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew East WH	19378	15	12	3	2	-	1	-	-	-	-	-	-	-	-	-	-	6
St. Andrew H	4539	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew	16440	14	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Village WH	11513	11	9	1	4	1	-	-	-	-	1	-	-	-	-	-	-	3
St. Andrew H	19065	16	6	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew	9564	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Dockyard	17226	16	12	4	2	-	-	-	-	-	-	-	1	-	-	-	-	-
St. Andrew Arsenal WHH	18331	16	7	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-
St. Andrew West	13027	10	9	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew East W	15232	14	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-	5

Following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by w :-

Central London Sick Asylum in Tottenham-court sub-district.
 Kentish Town sub-district.
 London City Workhouse in Islington East sub-district.
 St. Andrew's Infirmary " Hackney sub-district.
 London City Workhouse " Hoxton New Town sub-district.
 St. Andrew's " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and
 Stepney " Bow sub-district.
 Poplar & Stepney Sick Asylum " Bow sub-district.
 Westminster Union Industrial School in Battersea sub-district.
 Small-pox and Fever Hospitals in Hampstead, Hackney, and Brixton sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 17th March 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enume- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include											
						Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.
	LONDON—OUTER RING	368,414	631,381	509	290	68	70	14	4	4	2	4	3	4	6	15	31
29:1	Carshalton W - - -	12228	13523	9	2	1	-	-	-	-	-	-	-	-	-	-	-
2	Epsom (part of) * WH -	9971	9145	10	3	-	2	-	-	-	-	-	-	-	-	-	-
36:1	Godstone (part of) * - -	2754	900	-	1	-	-	-	-	-	-	-	-	-	-	-	-
37:1	Croydon WWH - - -	20851	71319	60	30	5	6	-	1	-	2	-	-	-	-	-	1
2	Mitcham WH - - -	11697	12534	5	6	2	2	-	-	-	-	-	-	-	-	1	-
38:1	Wimbledon HH - - -	3220	9087	11	2	-	1	-	-	-	-	-	-	-	-	-	-
2	Kingston WH - - -	8549	27489	14	8	-	3	1	-	-	-	-	-	-	-	1	3
3	Esher (part of) * - - -	6601	7353	2	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Hampton - - -	4573	10185	8	1	1	-	-	-	-	-	-	-	-	-	-	-
39:1	Richmond WH - - -	2271	16829	9	9	-	3	-	-	1	-	-	-	-	2	2	1
2	Mortlake - - -	2961	9316	13	2	1	-	-	-	1	-	-	-	-	-	-	-
40:1	Bromley (part of) * HH -	15669	19509	16	8	1	1	-	1	-	-	1	-	1	-	-	-
2	Chislehurst (part of) * W †	13665	10028	6	6	1	2	-	-	-	-	-	-	-	-	-	-
41:1	Bexley H - - -	13439	19566	9	11	2	3	-	-	-	-	-	-	-	-	1	-
123:1	Sunbury W - - -	11055	9860	7	3	-	2	-	-	-	-	-	-	-	-	-	-
2	Staines W - - -	13277	10339	10	7	-	3	-	-	-	-	-	-	-	-	-	2
124:1	Hillingdon WH - - -	6029	9712	3	3	1	-	1	-	-	-	-	-	-	1	1	2
2	Uxbridge - - -	6178	5329	2	2	-	1	-	-	-	-	-	-	1	-	-	-
3	Hayes WL - - -	14587	10497	3	6	1	1	-	-	1	-	-	-	-	-	1	2
125:1	Isleworth W - - -	7008	19930	12	15	3	5	-	1	-	-	-	-	-	1	2	4
2	Twickenham - - -	2477	10533	6	5	1	2	-	-	-	-	-	-	1	-	1	-
3	Brentford HL - - -	4370	20279	9	7	2	3	-	-	-	-	-	-	-	-	-	-
4	Chiswick - - -	1311	8508	7	2	2	-	-	-	-	-	-	-	-	-	-	-
5	Acton WH - - -	6087	12683	11	10	3	1	-	1	-	-	1	-	1	-	-	1
126:1	Harrow H - - -	13809	10869	5	2	2	-	-	-	-	-	-	-	-	-	-	-
2	Edgware - - -	6994	3450	1	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - -	4383	15869	11	12	2	3	-	-	-	-	-	3	-	1	1	-
4	Hendon WH - - -	8382	6972	15	1	-	-	-	-	-	-	-	-	-	-	-	-
127:1	South Mimms - - -	15419	5924	3	1	-	1	-	-	-	-	-	-	-	-	-	-
2	Barnet W - - -	5423	7752	14	6	-	4	-	-	1	-	-	-	-	-	-	2
3	Finchley L - - -	4688	11493	6	7	-	-	-	-	-	-	-	-	-	-	1	5
128:1	Hornsey H - - -	3039	19357	22	8	3	1	-	-	-	-	-	-	-	-	-	1
2	Tottenham H - - -	4642	22869	21	12	3	4	1	-	-	-	-	-	-	-	-	-
3	Edmonton WW - - -	7483	13860	14	10	3	1	4	-	-	-	1	-	-	-	-	6
4	Enfield WH - - -	12653	16054	7	7	2	1	1	-	-	-	-	-	-	1	1	-
5	Waltham Abbey - - -	11017	5197	2	5	3	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - -	8493	7518	4	6	-	1	-	-	-	-	-	-	-	-	-	-
124:1	Hatfield (part of) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136:1	Bushey - - -	9028	6472	9	2	1	-	-	-	-	-	-	-	-	-	-	-
185:1	Stratford - - -	882	23286	37	13	6	2	2	-	-	-	-	-	-	-	-	-
2	West Ham WWWW - - -	7345	44642	51	28	8	2	4	-	-	-	1	-	-	-	1	-
3	Leyton WW - - -	4274	15513	10	2	1	1	-	-	-	-	-	-	-	-	-	-
4	Walthamstow H - - -	6619	15701	10	6	2	3	-	-	-	-	-	-	-	-	-	-
186:1	Chigwell (part of) * H -	10483	8169	8	3	2	1	-	-	-	-	-	-	-	-	1	-
188:1	Romford (part of) * - -	6730	2379	3	5	1	4	-	-	-	-	-	-	-	-	-	-
2	Ilford - - -	8492	5947	4	2	-	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	10	3	2	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:— 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134: 1, only the parish of Northaw in Hatfield sub-district; 186: 1, the whole of the Chigwell sub-district, except the parish of Thoidon-Bol (pop. 798); 188: 1, only the parish of Dagenham in Romford sub-district.
† The usual return from Chislehurst sub-district not having come to hand, an average of the numbers in recent weeks has been inserted in order to obtain a total for the Outer Ring.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 17th March 1877.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from									Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.		
WATER LONDON	446,494	4,367,547	25·0	3·2	2090	460	496	114	48	19	7	40	24	14	58	380	
INNER LONDON -	78,080	3,533,484	26·6	3·4	1800	392	426	100	44	15	5	36	21	10	52	349	
OUTER RING -	368,414	834,063	18·1	2·2	290	68	70	14	4	4	2	4	3	4	6	31	

E.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 28 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	February 10	-	276	33·5	Fevers 54; cholera 60.
BOMBAY - -	644,405	" 6	-	522	42·3	Small-pox 19; cholera 9.
MADRAS - -	397,552	January 26	-	741	97·3	Cholera 275; sm.-pox 41.
		February 2	-	1112	146·0	Cholera 543; sm.-pox 98.
PARIS - - -	1,851,792	March 15	-	1051	29·6	Typhoid fever 18; small-pox 2.
GENEVA* - -	67,829	" 10	37	31	23·8	Fevers 2.
BRUSSELS - -	188,609	" 10	126	107	29·6	Small-pox 3.
AMSTERDAM -	289,981	" 10	264	159	27·9	Croup 8; typhus and typhoid fever 4.
ROTTERDAM -	136,231	" 10	116	76	29·1	-
THE HAGUE -	104,095	" 10	78	59	29·6	-
COPENHAGEN -	215,000	" 6	167	90	21·8	Whooping-cough 4.
STOCKHOLM -	144,305	" 3	-	86	31·1	Scarlet fever 6.
CHRISTIANIA -	79,000	" 10	79	41	27·1	Scarlet fever 3.
BERLIN - -	994,343	February 24	830	434	22·8	Scarlet fever 9; diphtheria 11.
HAMBURG(State)	388,618	March 3	319	220	29·5	Measles 5.
DRESDEN - -	202,295	" 3	-	95	24·5	Scarlet fever 5.
BRESLAU - -	246,813	" 10	225	123	26·0	-
MUNICH - -	209,000	" 10	-	137	34·2	Diphtheria and croup 6.
VIENNA - -	714,548	" 10	586	404	29·5	Small-pox 18; diphtheria 19; typhoid fever 19.
BUDA-PESTH -	315,401	" 3	269	241	39·9	Diphtheria 2; whooping-cough 16.
ROME - - -	262,428	February 4	-	-	-	-
NAPLES - -	454,948	" 25	-	318	36·5	Typhus 5; diphtheria 5.
TURIN - - -	222,488	March 3	142	133	31·1	Diphtheria and croup 14.
VENICE - -	139,796	" 3	73	76	28·4	Diphtheria and croup 3.
ALEXANDRIA -	212,034	" 3	165	195	48·0	Whooping-cough 3.
NEW YORK - -	1,069,370	February 24	-	-	-	-
BROOKLYN - -	527,830	" 24	-	190	18·7	Scarlet fever 9; diphtheria 14.
PHILADELPHIA -	850,856	" 24	-	292	17·9	Small-pox 4; typhoid fever 8.
BOSTON - -	352,000	" 24	-	131	18·7	Diphtheria 10.

* With suburbs, including Genf, Plain-palais, and Eaux-Vives.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 17th March, 1877.
[Under the Superintendence of the Astronomer Royal.]

1877. MONTH AND DAY.	MOON. Phases of Moon.	READINGS OF THERMOMETERS.										DIFFERENCE			WIND.					RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.
		Baro- meter. Mean daily reading (cor- rected and re- duced to 32 deg. Fahren- heit).	Dry			Dew Point.	Highest in the sun, as shown by a self-regis- tering Thermo- meter with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self- register- ing Thermo- meter.	In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between mean tem- perature of the day and mean tem- perature of the same day on an average of 60 years.*	Degree of Hu- midity, complete Satura- tion being repre- sented by 100.	As deduced from Anemometers.							
			High- est.	Low- est.	Range in day.				Mean daily value.	Mean daily value.			Mean of 24 Obs.	Oster's.		Amount of Horizontal Movement of Air each day.				
														General Direction.	P. M.		Pressure on square foot.	Robinson's.		

WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON

AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 12. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, MARCH 24. [Price 1½d.

*General Register Office, Somerset House,
26th March, 1877.*

UNITED KINGDOM.

DURING last week 6184 *births* and 4528 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 1656. The mortality from all causes was at the average rate of 29 deaths annually in every 1000 persons living. The annual death-rate was 23 per 1000 in Edinburgh, 37 in Glasgow, and 40 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow :—Norwich 22, Bristol 22, Portsmouth 23, Sunderland 24, Plymouth 24, Brighton 24, Bradford 26, London 27, Newcastle-on-Tyne 27, Leicester 28, Hull 29, Sheffield 30, Liverpool 31, Leeds 31, Manchester 31, Nottingham 32, Wolverhampton 33, Birmingham 33, Salford 35, and the highest rate 43 in Oldham. The annual death-rate from the seven principal zymotic diseases averaged 2·9 per 1000 in the twenty towns, and ranged from 0·5 and 0·7 in Brighton and Plymouth, to 4·1 and 4·8 in Oldham and Salford. The deaths from small-pox in the twenty towns, which had been 103, 107, and 114 in the three preceding weeks, declined to 87 last week, of which 76 occurred in London, 8 in Liverpool, and 3 in Manchester and Salford; no death from this disease was registered in any of the sixteen other towns.

LONDON.

In LONDON 2532 BIRTHS and 1802 DEATHS were registered. Allowing for increase of population, the births exceeded by 47, and the deaths by 133, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the three preceding weeks had been equal to 22·6, 26·3, and 26·6, was again 26·6 during last week.

The 1802 deaths included 76 from small-pox, 32 from measles, 17 from scarlet fever, 3 from diphtheria, 37 from whooping-cough, 25 from different forms of fever, and 11 from diarrhœa; thus to the seven principal diseases of the zymotic class 201 deaths were referred, against numbers increasing steadily from 187 to 231 in the five preceding weeks. These 201 deaths were 29 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 3·0 per 1000. The fatal cases of scarlet fever, diphtheria, whooping-cough, and fever were again considerably below the corrected average weekly numbers. The 32 deaths from measles were slightly below the average, and included 9 in the North, and 9 in the South groups of Districts; 4 occurred in Islington, 6 in St. Luke's, and 7 in Lambeth. Four of the 17 fatal cases of scarlet fever occurred in Lambeth, of which two were recorded in the Stockwell Fever Hospital. The 37 deaths from whooping-cough included 5 in Bow, 3 in Kentish Town, and 3 in Bermondsey. The 25 deaths referred to fever were 11 below the corrected average number; 4 were certified as typhus, 18 as enteric or typhoid, and 3 as simple continued fever. The four fatal cases of typhus occurred in Kentish Town, Islington, Bow, and Woolwich; 3 of enteric fever were returned in Shoreditch, 4 in Lambeth, 2 in Mile End, and 2 in Regent's Park sub-districts.

The deaths from small-pox, which had been 84, 96, and 100 in the three preceding weeks, declined last week to 76; 33 were certified as unvaccinated, 19 as vaccinated, and 24 were "not stated" as to vaccination. Of the 33 unvaccinated

cases, 19 were of persons under 20 years of age, whereas only 5 of the 19 certified to be vaccinated were aged under 20 years.

Of the 76 deaths from small-pox, 37 were recorded in the Metropolitan Asylum Hospitals, 3 in the Highgate Small-pox Hospital, and 2 in the Pancras Hospital; the remaining 34 cases occurred in private dwellings. After distributing the 42 hospital cases, it appears that 11 of the deceased small-pox patients had resided in Bow, 8 in Hackney, 6 in Islington, 5 in Marylebone, 4 in Pancras, and 4 in Camberwell; in all, 7 belonged to the West, 24 to the North, 3 to the Central, 27 to the East, and 15 to the South groups of districts. The fatal cases showed a marked decline both in West and South London. The disease continues most fatal in East London, especially in Bow, where 7 of the 11 fatal cases occurred in private houses; six of the seven were of children "not stated" as to vaccination, the medical certificates in four cases being furnished by the same practitioner.

The Metropolitan Asylum District Hospitals contained 959 small-pox patients on Saturday last, including 150 convalescents at Fulham and Limehouse, against numbers increasing steadily from 898 to 952 at the end of the four previous weeks. The new Metropolitan Asylum District Hospital at Deptford was brought into use during the week, and contained 58 small-pox patients on Saturday night.

Bronchitis and pneumonia have during the last four weeks, since the night temperature fell below the freezing point, been the prevailing fatal diseases. The deaths referred to diseases of the respiratory organs, which in the four previous weeks had increased from 303 to 498, further rose last week to 575, and exceeded the corrected average by 164.

Different forms of violence caused 51 deaths; 40 were the result of negligence or accident, including 12 from fractures and contusions, 5 from burns and scalds, 4 from drowning, 2 from poison, and 15 of infants under one year of age from suffocation. No death was caused by horses or vehicles in the streets.

In the large Public Institutions 350 deaths were recorded, or 19 per cent. of the total deaths; of these, 230 occurred in Workhouse Establishments, 111 in Hospitals, and 9 in Lunatic Asylums.

GREATER LONDON.

In Greater London 3060 births and 2082 deaths were registered, equal to annual rates of 36·6 and 24·9 per 1000 of the population. The fatal cases of small-pox in the Outer Ring, which had been 14 in each of the two preceding weeks, declined to 7, of which 4 occurred in West Ham, and one each in Edmonton, Bushey, and Stratford.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 30, Bombay 47, Madras 133; Paris 31; Geneva 30; Brussels 27; Amsterdam 30, Rotterdam 26, The Hague 22; Copenhagen 26; Stockholm 28; Christiania 30; Berlin 24, Hamburg 30, Dresden 26, Breslau 32, Munich 34; Vienna 30, Buda-Pesth 45; Naples 37, Turin 32; Venice 25, Alexandria 41; New York 22, Brooklyn 23, Philadelphia 19, and Boston 21. The fatal cases of cholera in Madras were 383 in the week ending 9th February, against 275 and 543 in the two preceding weeks; 119 deaths were also referred to small-pox.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·32 in.; the highest reading was 29·64 in. on Thursday evening, and the lowest 28·87 in. at the end of the week. The mean temperature of the *air* was 37°·7, and 4°·2 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average on each of the first six days of the week, and on Thursday it was but 35°·0, showing a deficiency of 6°·9; on Saturday the mean rose to 42°·4 and was in excess by 0°·3. The lowest night temperature was 26°·5 on Friday, and the highest day temperature in the shade 53°·0 on Saturday; the extreme range in the week was, therefore, 26°·5. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in *vacuo* placed on the grass, was 103°·4 on Sunday. The difference between the mean *dew-point* and *air* temperature averaged 5°·4. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 42°·7. The mean degree of *humidity* of the air was 81, complete saturation being represented by 100. The direction of the *wind* was variable, and the horizontal movement of the air averaged 12·4 miles per hour, which was 0·4 below the average in the corresponding week of 16 years. *Rain* fell on six days during the week, to the aggregate amount of 0·56 of an inch. The duration of registered sunshine in the week was 26·7 hours, out of 85·2 hours during which the sun was above the horizon.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames was 293,255 cubic metres at Crossness, and 384,714 cubic metres at Barking, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the United Kingdom, during the Week ending Saturday, the 24th day of March 1877.

CITIES AND BOROUGHES.	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 24th March 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERA- TURE OF THE AIR. (CEN- TI- GRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centi- metres.
Principal Boundaries, except for LONDON and DUBLIN.)											
TOWNS in the } UNITED KINGDOM }	212,881	8,144,940	38·3	6184	4528	54·3	23·0	37·4	3·00	0·50	1·27
LONDON - - -	75,362	3,533,484	46·9	2532	1802	53·0	26·5	37·7	3·17	0·56	1·42
MANCHESTER - -	2,354	102,264	43·4	52	47	49·0	29·8	37·6	3·12	0·85	2·16
BIRMINGHAM - -	4,486	127,144	28·3	85	56	49·5	30·5	38·7	3·72	0·64	1·63
LIVERPOOL - - -	7,472	84,023	11·2	60	35	48·5	26·5	37·4	3·00	0·53	1·35
GLoucester - - -	1,395	72,911	52·3	41	33	49·7	30·5	38·7	3·72	0·63	1·60
BRISTOL - - -	4,452	202,950	45·6	142	85	54·3	26·0	38·6	3·67	0·56	1·42
SOUTHAMPTON - -	3,396	73,389	21·6	57	46	46·3	25·4	34·8	1·56	0·62	1·57
NOTTINGHAM - -	8,400	377,436	44·9	361	241	49·2	27·4	37·2	2·89	0·33	0·84
LEICESTER - - -	3,200	117,461	36·7	102	63	52·8	26·8	38·0	3·33	0·43	1·09
SHEFFIELD - - -	1,996	95,025	47·6	50	59	51·6	23·0	36·8	2·67	0·05	0·13
CARDIFF - - -	5,210	527,083	101·2	426	309	49·0	30·0	37·7	3·17	0·60	1·52
CHESTER - - -	4,293	359,213	83·7	301	218	53·0	25·0	36·5	2·50	0·26	0·66
GLoucester - - -	5,170	141,184	27·3	161	94	50·6	24·0	36·8	2·67	0·20	0·51
GLoucester - - -	4,666	89,796	19·2	86	74	-	-	-	-	-	-
GLoucester - - -	7,220	179,315	24·8	137	88	46·0	28·4	36·8	2·67	0·07	0·18
GLoucester - - -	21,572	298,189	13·8	232	175	47·0	31·0	37·9	3·28	0·11	0·28
GLoucester - - -	19,651	282,130	14·4	220	163	48·9	24·4	36·5	2·50	1·29	3·28
GLoucester - - -	3,635	140,002	38·5	133	78	49·0	24·0	36·2	2·33	0·29	0·74
GLoucester - - -	3,306	110,382	33·4	99	50	53·0	30·0	39·1	3·95	0·19	0·48
CASTLE-ON-TYNE	5,371	142,231	26·5	93	73	-	-	-	-	-	-
GLoucester - - -	4,191	218,729	52·2	142	97	48·9	25·3	36·7	2·61	0·30	0·76
GLoucester - - -	6,033	555,933	92·1	441	398	-	-	-	-	-	-
GLoucester - - -	10,050	314,666	31·3	231	244	49·0	23·5	37·8	3·23	1·49	3·78

*For names of the Meteorological Observers in the several towns, see note at foot of Table 4.

†The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by addition of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,055,612 persons, and in DUBLIN, during the Week ending Saturday the 24th day of March 1877.

BOROUGHES, &c.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from											
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.				
Principal Boundaries, except for LONDON and DUBLIN.)																	
20 TOWNS -	28·0	2·9	3789	883	842	87	52	58	9	88	59	33	112	212	579		
LONDON - - -	26·6	3·0	1802	385	465	76	32	17	3	37	25	11	51	94	350		
MANCHESTER - -	24·0	0·5	47	7	10	-	-	1	-	-	-	-	2	2	9		
BIRMINGHAM - -	23·0	0·8	56	7	19	-	-	1	-	-	1	-	2	4	2		
LIVERPOOL - - -	21·7	1·9	35	10	14	-	-	1	-	1	-	1	2	4	1		
GLoucester - - -	23·6	0·7	33	7	11	-	-	-	-	-	-	1	2	3	2		
BRISTOL - - -	21·9	2·8	85	21	20	-	1	-	-	7	2	1	3	3	15		
SOUTHAMPTON - -	32·7	2·8	46	11	10	-	-	1	-	-	-	3	3	3	6		
NOTTINGHAM - - -	33·3	2·4	241	73	39	-	5	-	1	6	3	2	7	22	21		
LEICESTER - - -	28·0	1·8	63	27	8	-	2	1	-	-	1	-	3	8	9		
SHEFFIELD - - -	32·4	1·7	59	14	10	-	-	1	1	1	-	-	-	3	4		
CARDIFF - - -	30·6	3·7	309	87	51	8	-	2	1	15	7	4	12	14	50		
CHESTER - - -	31·7	3·1	218	46	38	2	2	4	1	7	4	1	4	19	35		
GLoucester - - -	34·7	4·8	94	21	14	1	3	5	-	1	2	1	-	1	8		
MANCHESTER - - -	43·0	4·1	74	15	9	-	1	3	-	2	-	1	4	4	3		
GLoucester - - -	25·6	2·0	88	17	21	-	1	2	1	1	1	1	1	4	8		
GLoucester - - -	30·6	2·8	175	51	32	-	4	7	-	2	2	1	6	11	9		
GLoucester - - -	30·2	3·3	163	29	36	-	-	3	-	7	6	2	2	2	20		
GLoucester - - -	29·1	3·0	78	26	13	-	1	2	-	1	2	2	3	4	9		
GLoucester - - -	23·6	3·3	50	14	6	-	-	4	1	-	2	-	1	1	9		
GLoucester - - -	26·8	1·8	73	15	16	-	-	3	-	-	1	1	4	6	9		
DUBLIN - - -	40·5	3·7	214	42	73	-	6	3	-	1	4	8	3	3	70		

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the TWELFTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2224	2299	2177	2227	2429	2103	2348	2454	2364	2601	2322·6	2532
Males . .	1147	1188	1121	1151	1228	1070	1202	1226	1244	1309	1188·6	1303
Females .	1077	1111	1056	1076	1201	1033	1146	1228	1120	1292	1134·0	1229
TOTAL Deaths	1731	1298	1590	1478	1665	1463	1546	1530	1680	1615	1559·6	1802
Males . .	832	685	800	771	840	731	753	741	834	824	781·1	944
Females .	899	613	790	707	825	732	793	789	846	791	778·5	858

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867-76 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Dec. 30.	Jan. 6.	Jan. 13.	Jan. 20.	Jan. 27.	Feb. 3.	Feb. 10.	Feb. 17.	Feb. 24.	Mar. 3.	Mar. 10.	Mar. 17.	Mar. 24.
TOTAL Deaths - - -	1510	1507	1358	1491	1425	1528	1504	1462	1495	1529	1782	1800	1802
0-20 - - -	713	673	565	693	636	673	648	653	675	700	810	850	766
20-40 - - -	183	229	218	244	226	214	215	234	206	232	269	247	270
40-60 - - -	274	277	261	258	254	292	262	248	289	258	326	277	301
60-80 - - -	280	278	265	217	251	289	317	263	263	289	313	338	382
at 80 years & upwds.	60	50	49	79	58	60	62	64	62	48	64	88	83
Deaths of { Under 1 year -	357	340	263	367	331	337	317	334	323	334	372	392	385
children { 1-5 - - -	254	222	202	219	209	241	212	215	259	246	306	331	269
{ 5-20 - - -	102	111	100	107	96	95	119	104	93	122	132	127	112
Deaths from 7 principal Zymo- totic Diseases }	235	253	214	210	204	231	207	187	208	212	213	231	201
" " Smallpox - - -	75	116	100	79	86	103	90	72	104	84	96	100	76
" " Measles - - -	40	28	24	17	22	22	21	18	14	23	33	44	32
" " Scarlet Fever - -	29	25	23	42	21	23	14	19	16	23	17	15	17
" " Diphtheria - - -	9	12	4	5	3	4	7	6	5	4	4	5	3
" " Whooping-cough -	34	32	25	31	40	41	44	38	38	40	28	36	37
" " Typhus fever - - -	5	3	3	5	4	5	2	7	2	1	2	1	4
" " { Enteric (or Ty- phoid) fever - }	16	14	17	10	14	14	11	9	11	13	20	15	18
" " Simple Cont'd fever	6	5	2	3	3	1	7	2	4	2	3	5	3
" " Diarrhoea - - -	21	18	16	18	11	18	11	16	14	22	10	10	11
" " Simple Cholera - -	1	1	-	-	-	-	-	-	-	-	-	-	-
" " Dis. of Respira- tory Organs - }	352	298	291	290	304	375	381	355	303	355	452	498	575
" " Phthisis - - -	149	134	139	166	147	156	173	166	168	169	226	189	201
" " Heart Diseases - -	91	101	75	81	96	95	101	96	84	95	102	102	103
Violent Deaths - - -	71	89	51	55	52	45	51	45	54	46	59	52	51
Inquest Cases - - -	123	170	96	101	91	95	111	83	120	90	114	106	94
Deaths in Public Institutions	293	335	297	316	283	319	317	275	329	311	387	349	350
TEMPERATURE OF THE AIR:													
Mean - - - - -	43·3	46·8	41·5	45·5	39·0	43·0	46·3	46·4	40·4	39·1	36·9	41·7	37·7
Mean of Highest readings -	46·9	50·9	46·2	49·8	46·8	48·7	52·2	51·8	45·8	46·6	42·7	49·0	47·3
Mean of Lowest readings -	39·0	42·0	37·4	39·7	30·7	36·7	40·5	42·2	35·7	33·2	32·9	34·8	30·1
Mean Temperature of the Water of the Thames - }	38·5	44·9	44·6	42·7	43·2	41·0	44·1	47·5	44·4	41·3	41·8	41·0	42·7
Humidity of the Air - - -	92	87	90	90	87	84	85	82	79	75	80	73	81
Rain-fall in inches - - -	1·23	1·34	1·96	0·39	0·40	0·42	0·06	0·78	0·68	0·31	0·47	0·07	0·56
Registered Sunshine (in hours)	0·0	2·0	1·3	0·8	11·2	5·3	2·3	9·3	9·8	17·0	17·4	26·5	26·7

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWELFTH Week of the Year 1877.

CAUSES OF DEATH.	Average in the Twelfth Weeks of the 10 years 1867-76.	In the Week ending Saturday, March 24, 1877.								CAUSES OF DEATH.	Average in the Twelfth Weeks of the 10 years 1867-76.	In the Week ending Saturday, March 24, 1877.							
		Deaths of Persons of the Ages										Deaths of Persons of the Ages							
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
			Mean Tem.	0-1.	1-5.								5-20.	Mean Tem.	0-1.					1-5.	5-20.
Temperature -	40.8	37.7	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	Mean Temperature	40.8	37.7	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
CAUSES -	1559.6	1802	385	269	112	270	301	382	83	9. Stricture of Intestines	1.1	-	-	-	-	-	-	-	-
IFIED CAUSES	1547.6	1795	382	268	112	270	300	381	82	10. Fistula -	.5	2	-	-	-	2	-	-	-
OTIC DISEASES.										11. Stomach Disease, &c. -	6.8	6	1	-	1	-	2	1	1
ORDER 1.										12. Pancreas Disease, &c. -	.1	-	-	-	-	-	-	-	-
l-pox -	32.4	76	10	9	21	31	5	-	-	13. Hepatitis -	3.4	2	-	-	-	1	-	1	-
les -	32.6	32	6	23	3	-	-	-	-	14. Jaundice -	4.4	6	3	-	-	1	1	1	-
et Fever -	28.2	17	1	10	6	-	-	-	-	15. Liver Disease, &c. -	17.8	26	2	-	1	3	14	5	1
theria -	6.6	3	1	1	1	-	-	-	-	16. Spleen Disease, &c. -	.2	-	-	-	-	-	-	-	-
sy -	.3	1	-	-	-	-	-	-	-										
sp -	14.8	12	1	11	-	-	-	-	-	ORDER 5.									
oping-cough -	67.1	37	20	15	2	-	-	-	-	1. Nephritis -	1.6	2	-	-	1	-	-	1	-
aus -		4	-	-	-	2	2	-	-	2. Ischuria -	.3	-	-	-	-	-	-	-	-
rie or Typhoid Fev. -	33.2	18	-	5	5	4	4	-	-	3. Bright's Dis. (Nephria) -	13.1	26	-	1	-	8	10	7	-
ble continued Fev. -		3	-	1	1	1	-	-	-	4. Diabetes -	2.5	9	-	-	1	2	3	3	-
ipelas -	7.2	7	2	2	1	-	1	1	-	5. Calculus (Stone) -	.3	1	-	1	-	-	-	-	-
peral Fev. (Metria) -	4.3	3	-	-	-	3	-	-	-	6. Cystitis -	1.5	2	-	-	-	-	-	1	1
uncle -	.4	1	-	-	-	-	-	1	-	7. Kidney Disease, &c. -	7.6	11	-	-	-	3	8	-	-
lenza -	.4	-	-	-	-	-	-	-	-	ORDER 6.									
entery -	1.4	-	-	-	-	-	-	-	-	1. Ovarian Dropsy -	.7	-	-	-	-	-	-	-	-
rhoea -	14.4	11	5	2	-	-	2	1	1	2. Uterus Disease, &c. -	4.7	2	-	-	-	1	1	-	-
ble Cholera -	.2	-	-	-	-	-	-	-	-	ORDER 7.									
e -	.4	-	-	-	-	-	-	-	-	1. Synovitis (Arthritis) -	.2	-	-	-	-	-	-	-	-
ittent Fever -		-	-	-	-	-	-	-	-	2. Joint Disease, &c. -	7.4	7	-	-	5	1	-	1	-
matism -	7.0	9	-	-	1	4	2	2	-	ORDER 8.									
r Zymotic Diseases	.1	1	-	1	-	-	-	-	-	1. Phlegmon -	3.3	3	-	1	-	2	-	-	-
ORDER 2.										2. Ulcer -	.7	1	-	-	-	-	-	1	-
chilis -	8.0	10	7	2	-	-	1	-	-	3. Skin Disease, &c. -	.8	1	1	-	-	-	-	-	-
ture of Urethra -	.8	1	-	-	-	-	1	-	-	IV. DEVELOPMENTAL DISEASES.									
rophobia -	-	-	-	-	-	-	-	-	-	ORDER 1.									
nders -	-	-	-	-	-	-	-	-	-	1. Premature Birth -	23.7	21	21	-	-	-	-	-	-
ORDER 3.										2. Cyanosis -	2.5	1	1	-	-	-	-	-	-
ation -	.6	-	-	-	-	-	-	-	-	3. Spina Bifida -	1.1	2	2	-	-	-	-	-	-
ot of Breast-milk -	8.0	12	12	-	-	-	-	-	-	4. Other Malformations -	1.8	2	2	-	-	-	-	-	-
ura and Scurvy -	2.0	5	3	1	-	-	-	1	-	5. Teething -	19.4	18	9	9	-	-	-	-	-
-) a Del. Tremens	1.4	2	-	-	-	1	1	-	-	ORDER 2.									
n) b Intemperance	1.2	4	-	-	-	1	3	-	-	1. Paramenia -	-	-	-	-	-	-	-	-	-
ORDER 4.										2. Childbirth (see Puer-} peral Fever) -	6.6	8	-	-	-	8	-	-	-
ush -	2.3	2	1	-	-	-	-	1	-	ORDER 3.									
rms, &c. -	.3	-	-	-	-	-	-	-	-	1. Old Age -	55.4	54	-	-	-	-	-	18	36
STITUTIONAL.										ORDER 4.									
ORDER 1.										1. Atrophy and Debility	60.9	68	51	8	1	-	2	6	-
t -	2.3	7	-	-	-	-	3	3	1	V. VIOLENT DEATHS, &c.									
psy -	10.6	8	1	-	-	-	2	4	1	ORDER 1.									
cer -	31.0	28	-	-	1	3	13	11	-	(ACCIDENT, OR NEGLIGENCE.)									
erum Oris (Noma)	.2	-	-	-	-	-	-	-	-	1. Fractures & Contusions	16.9	12	-	1	1	2	4	1	3
tification	4.4	2	-	-	-	-	-	1	1	2. Wounds { Gunshot - Cut, Stab }	.4	-	-	-	-	-	-	-	-
ORDER 2.										3. Burns and Scalds -	6.2	5	-	3	1	-	-	1	-
ofula -	8.2	16	5	7	4	-	-	-	-	4. Poison -	.9	2	-	-	-	1	1	-	-
es Mesenterica -	20.5	15	9	5	1	-	-	-	-	5. Drowning -	5.5	4	-	1	-	3	-	-	-
hisis -	184.9	201	3	5	15	113	53	11	1	6. Suffocation -	10.2	16	15	-	-	1	-	-	-
rocephalus -	31.3	32	14	16	2	-	-	-	-	7. Otherwise -	2.4	1	-	-	-	-	1	-	
CAL DISEASES.										ORDER 3.									
ORDER 1.										(HOMICIDE.)									
halitis -	20.3	29	11	7	6	2	3	-	-	1. Murder & Manslaughter	2.1	-	-	-	-	-	-	-	-
oplexy -	44.9	39	1	1	-	3	10	21	3	ORDER 4.									
alysis -	33.2	33	1	-	2	3	4	20	3	(SUICIDE.)									
anity -	2.3	4	-	-	1	-	1	2	-	1. Wounds { Gunshot - Cut, Stab }	.3	-	-	-	-	-	-	-	-
rea -	.2	-	-	-	-	-	-	-	-	2. Poison -	.9	5	-	-	-	-	1	4	-
opsy -	9.3	12	1	2	1	4	8	1	-	3. Drowning -	.7	1	-	-	-	-	1	1	-
avulsions -	57.5	35	28	7	-	-	-	-	-	4. Hanging -	1.4	1	-	-	-	-	-	-	-
in Disease, &c. -	17.8	20	-	3	-	4	2	8	3	5. Otherwise -	.4	1	-	-	-	-	-	1	-
ORDER 2.										ORDER 5.									
icarditis -	2.7	4	-	-	2	1	1	-	-	(EXECUTION.)									
urism -	3.3	7	-	-	4	3	-	-	-	1. Hanging -	-	-	-	-	-	-	-	-	-
art Disease, &c. -	75.7	92	-	2	8	19	23	38	2	Violent Deaths(not classed)	.5	1	-	-	-	1	-	-	-
ORDER 3.										Sudden Deaths (Cause unascertained)	1.6	1	-	-	-	-	-	-	1
ngitis -	12.5	21	6	12	1	-	1	1	-	Causes not specified or ill-defined -	10.4	6	3	1	-	-	1	1	-
nechitis -	235.5	386	77	56	2	9	68	156	18										
urisy -	3.7	4	-	-	-	3	1	-	-										
umonia -	98.5	115	34	30	8	12	17	13	1										
hma -	14.7	25	-	-	-	1	9	16	-										
g Disease, &c. -	18.9	24	8	5	-	-	1	7	3										
ORDER 4.																			
tritis -	2.6	3	-	-	-	1	2	-	-										
teritis -	4.8	8	3	1	3	-	-	1	-										
itonitis -	6.4	7	1	-	2	2	-	-	-										
ites -	2.3	2	-	-	-	-	2	-	-										
eration of Intestines	2.3	3	-	-	-	1	1	1	-										
ernia -	4.1	3	-	-	-	-	1	1	1										
is -	3.1	5	-	-	-	-	4	1	-										
ussusception -	1.4	2	2	-	-	-	-	-	-										

TE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, TYPHUS, ENTERIC (or Typhoid) Fever, Simple continued Fever, DIARRHOEA, and VIOLENCE, during the Week end

				The DEATHS registered in the Week include															
REGISTRATION SUB-DISTRICTS.				Enu- mer- ated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	Deaths of		Deaths from										Inquest Cases.
							Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	
LONDON - - -				3,254,260	2532	1802	385	465	76	32	17	3	37	4	18	3	11	51	94
WEST DISTRICTS - - -				561,359	401	279	47	86	3	1	3	-	4	-	1	-	2	6	16
NORTH DISTRICTS - - -				751,729	556	454	98	119	45	9	3	2	8	2	3	-	3	16	26
CENTRAL DISTRICTS - - -				334,369	201	172	37	44	-	7	2	-	7	-	2	1	-	8	13
EAST DISTRICTS - - -				639,111	509	392	92	89	15	0	2	-	11	1	5	1	3	13	22
SOUTH DISTRICTS - - -				967,692	865	505	111	127	13	9	7	1	7	1	7	1	3	8	17
WEST DISTRICTS.																			
St. Mary Paddington WH - - -				58728	49	21	1	10	1	-	-	-	1	-	1	-	-	-	1
St. John Paddington H - - -				38085	11	17	1	7	-	-	-	-	-	-	-	-	-	1	2
Kensington Town W - - -				91645	110	50	10	18	-	-	1	-	1	-	-	-	2	-	2
Brompton H - - -				28654	15	18	5	2	-	-	-	-	-	-	-	-	-	-	2
St. Peter Hammersmith - - -				6662	3	7	1	2	1	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith H - - -				36029	35	13	3	4	-	-	-	-	-	-	-	-	-	-	3
Fulham WvH - - -				23350	23	16	3	4	-	-	-	-	-	-	-	-	-	-	-
Chelsea South HHH - - -				26420	11	15	2	4	-	-	1	-	-	-	-	-	-	-	1
Chelsea North-west WHHHH - - -				22926	13	12	1	3	-	-	-	-	-	-	-	-	-	-	1
Chelsea North-east - - -				21392	9	10	1	3	-	1	-	-	-	-	-	-	-	1	1
Hanover Square H - - -				18698	4	3	2	1	-	-	-	-	1	-	-	-	-	-	1
May Fair WW - - -				13358	6	6	1	2	-	-	-	-	-	-	-	-	-	-	1
Belgrave HH - - -				57972	36	31	5	8	-	-	1	-	-	-	-	-	-	3	2
St. John Westminster HH - - -				38478	21	17	6	6	-	-	-	-	-	-	-	-	-	-	-
St. Margaret Westminster WH - - -				27781	21	17	1	5	-	-	-	-	1	-	-	-	-	-	-
Golden Square WH - - -				12860	8	5	1	3	-	-	-	-	-	-	-	-	-	1	1
Berwick-street H - - -				20759	16	9	3	2	-	-	-	-	-	-	-	-	-	-	-
St. Anne Soho HHHHH - - -				17562	10	7	-	2	1	-	-	-	-	-	-	-	-	-	-
NORTH DISTRICTS.																			
All Souls Marylebone HHHH - - -				28579	15	14	3	3	-	-	-	-	-	-	-	-	1	1	1
Cavendish Square HH - - -				15425	6	4	1	1	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone WH - - -				26384	16	15	-	9	-	-	-	-	-	-	-	-	-	-	-
St. Mary Marylebone HHH - - -				21786	27	8	1	2	1	-	-	-	-	-	-	-	-	-	-
Christchurch Marylebone H - - -				33944	28	20	5	9	1	1	-	-	-	-	-	-	-	1	1
St. John Marylebone H - - -				33136	16	6	3	1	-	-	-	-	-	-	-	-	-	-	-
Hampstead WvHH - - -				32281	15	35	2	7	15	-	-	-	-	-	-	-	-	-	-
Regent's Park Pancras H - - -				38200	27	12	3	2	-	-	-	-	1	-	2	-	-	-	1
Tottenham-court WHHH - - -				29370	19	27	2	8	-	-	-	1	-	-	-	-	-	2	2
Gray's Inn Lane HH - - -				29221	17	7	-	3	-	-	-	-	1	-	-	-	-	-	-
Somers Town - - -				38533	21	14	5	4	-	-	1	-	-	-	-	-	-	-	1
Camden Town WH - - -				17943	21	18	3	8	2	-	-	-	-	-	-	-	1	1	2
Kentish Town w - - -				68198	57	47	10	12	-	1	-	-	3	1	-	-	-	-	1
Islington West HHH - - -				97820	72	55	19	13	3	-	-	-	2	1	-	-	-	1	2
Islington East WvHH - - -				115958	97	82	21	21	2	4	1	1	1	-	1	-	1	3	5
Stoke Newington H - - -				9841	11	6	1	3	-	-	-	-	-	-	-	-	-	-	1
Stamford Hill - - -				6598	5	4	2	-	-	1	-	-	-	-	-	-	-	1	-
West Hackney - - -				28069	25	22	6	3	2	2	1	-	-	-	-	-	-	-	1
Hackney WvH - - -				50104	37	46	7	8	19	-	-	-	-	-	-	-	-	3	4
South Hackney - - -				30339	24	12	4	2	-	-	-	-	-	-	-	-	-	3	4
CENTRAL DISTRICTS.																			
St. George Bloomsbury - - -				17853	6	9	4	4	-	-	-	-	1	-	-	-	-	-	-
St. Giles South WH - - -				19109	30	16	1	7	-	-	-	-	-	-	-	-	-	-	-
St. Giles North - - -				16594	8	4	1	1	-	-	-	-	-	-	-	-	-	-	-
Long Acre - - -				11379	13	9	1	1	-	1	-	-	-	-	-	-	-	-	-
Charing Cross HH - - -				9859	4	6	-	3	-	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand - - -				9378	1	2	-	1	-	-	-	-	-	-	-	1	-	-	-
St. Clement Danes H - - -				10723	7	6	2	1	-	-	-	-	1	-	1	-	-	-	-
St. George-the-Martyr HHHHH - - -				20521	12	7	1	2	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Eastern W - - -				13529	8	10	4	2	-	-	-	-	-	-	-	-	-	1	1
Saffron Hill H - - -				9066	7	4	-	2	-	-	-	-	-	-	-	-	-	1	1
St. James Clerkenwell W - - -				18917	13	14	4	2	-	-	1	-	-	-	-	-	-	2	4
Amwell Clerkenwell - - -				16384	18	6	1	-	-	-	-	-	-	-	-	-	-	-	-
Pentonville - - -				13337	5	6	4	-	-	-	-	-	1	-	-	-	-	1	1
Goswell-street - - -				16242	7	4	-	1	-	-	-	-	1	-	-	-	-	-	-
Old-street H - - -				12161	9	8	3	2	-	1	-	-	1	-	-	-	-	-	-
City-road HHL - - -				18301	24	9	2	2	-	2	-	-	-	-	-	-	-	-	-
Whitecross-street - - -				13792	6	9	1	2	-	2	-	-	1	-	-	-	-	-	-
Finsbury - - -				10741	3	5	3	-	-	1	1	-	1	-	-	-	-	1	1
St. Botolph East London H - - -				14540	5	6	1	2	-	-	-	-	-	-	1	-	-	-	-
Cripplegate - - -				13638	3	2	-	2	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre H - - -				7562	4	16	1	2	-	-	-	-	-	-	-	-	-	1	2
St. Bride W - - -				11185	3	4	1	1	-	-	-	-	-	-	-	-	-	-	1
Castle Baynard - - -				4426	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - -				6270	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - -				4753	1	4	1	1	-	-	-	-	-	-	-	-	-	1	2
Allhallows Barking - - -				5764	1	3	1	1	-	-	-	-	-	-	-	-	-	-	-
Broad-street H - - -				7345	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page.

DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
May, 24th March 1877.

REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													Inquest Cases.	Deaths in Public Institutions.
					Deaths of		Deaths from												
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhœa.	Violence.			
EAST DISTRICTS.																			
Well Shoreditch	-	12430	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Leonard Shoreditch	HL†	16545	7	4	1	1	-	-	-	-	-	1	-	1	-	-	1	5	
New Town	W	27835	25	20	2	7	-	1	-	-	-	-	-	-	-	1	-	-	
Old Town	-	26933	21	11	4	3	-	-	-	-	-	-	-	-	-	2	2	4	
Erston West	W	24162	21	21	5	3	-	1	1	-	-	-	-	2	-	-	-	-	
Erston East	H	19259	12	9	3	-	-	-	-	-	-	-	-	-	-	1	3	-	
Key-road	-	29822	26	12	5	2	1	-	-	-	-	1	-	-	-	1	2	-	
Bethnal Green	WHL†	42433	35	39	6	16	1	1	-	-	-	-	-	-	1	1	2	22	
Bethnal Green	-	26577	19	10	2	1	1	-	-	-	-	1	-	-	-	1	1	-	
Bethnal Green	-	21272	13	11	3	4	-	-	-	-	-	-	-	-	-	1	1	-	
Fields	H	22490	18	13	4	1	-	-	-	-	-	-	-	-	-	1	1	8	
nd New Town	W	15550	14	21	1	3	-	-	-	-	-	2	-	-	-	-	-	-	
chapel North	-	11597	7	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
chapel Church	H	7322	2	18	2	1	-	-	-	-	-	-	-	-	-	1	-	16	
an's Fields	-	10381	9	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
te	-	9224	4	3	2	-	-	-	-	-	-	-	-	-	-	1	1	-	
ary St. George East	-	17900	13	14	4	3	-	-	-	-	-	-	-	-	-	1	3	-	
ul St. George East	-	21350	17	9	1	2	1	-	-	-	-	-	-	-	-	-	-	6	
hn St. George East	W	8802	6	8	-	4	-	-	-	-	-	-	-	-	-	-	-	-	
ell	-	11640	7	6	2	3	1	-	-	-	-	-	-	-	-	1	-	-	
ff H	-	16131	12	11	6	2	-	1	-	-	-	-	-	-	-	-	-	-	
ouse W	-	29919	18	14	6	3	1	-	-	-	-	1	-	-	-	-	-	-	
nd Old Town Western	-	38128	30	19	5	4	-	1	1	-	-	-	-	1	-	-	-	-	
nd Old Town Eastern	WwvH	55024	57	32	6	8	2	2	-	-	-	-	-	1	-	-	-	1	
wwwHL†	-	67765	70	60	15	14	7	-	-	-	-	5	1	-	-	1	1	15	
r WW	-	48611	37	19	4	3	-	-	-	-	-	-	-	-	-	1	1	-	
SOUTH DISTRICTS.																			
church Southwark	WH	14573	11	13	2	4	-	-	-	-	-	-	-	-	-	-	1	4	
viour Southwark	H	15677	12	9	2	2	-	-	2	-	-	-	-	-	-	-	1	-	
road	-	20421	15	11	6	2	1	-	-	-	-	-	-	-	-	-	2	-	
gh-road	WH	16695	19	9	3	-	-	-	-	-	-	-	-	-	-	-	1	-	
n-road	HL	18961	16	9	2	3	-	-	-	-	-	-	-	-	-	-	-	-	
y Newington	-	23682	17	11	5	1	-	-	1	-	-	-	-	-	-	-	-	-	
ter Walworth	W	48248	64	19	3	3	1	-	1	-	-	-	-	-	-	-	-	-	
ary Newington	-	16792	13	10	1	4	-	-	-	-	-	-	-	-	-	-	-	-	
ave Southwark	H	4373	2	8	-	-	-	-	-	-	-	-	-	-	-	2	2	7	
hn Horsleydown	W	10500	9	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
er Market	-	16787	16	9	2	4	-	-	-	-	1	-	-	-	-	-	-	3	
ary Magdalen	W	15709	6	8	1	4	-	-	-	-	-	-	-	-	-	-	-	-	
ames Bermondsey	-	47933	39	22	9	2	1	-	-	-	-	2	-	-	-	-	-	3	
erhithe W	-	27096	27	17	-	6	1	-	1	-	-	-	1	-	-	-	-	-	
arlo-road 1st	H	14074	17	10	1	-	-	-	1	-	-	-	-	1	-	-	-	1	
arlo-road 2nd	H	18465	20	14	7	-	-	-	2	-	-	-	1	-	-	-	-	-	
eth Church 1st	H	19492	11	29	3	2	2	-	3	-	-	-	-	-	-	4	4	12	
eth Church 2nd	WW	35833	45	24	4	9	-	-	-	1	1	-	-	-	-	-	1	9	
ington 1st	-	41286	32	18	5	3	-	-	-	-	1	-	-	-	-	-	-	-	
ington 2nd	-	31221	19	11	3	3	-	-	-	-	-	-	-	-	-	-	-	-	
on w	-	35435	35	25	2	7	5	1	2	-	-	-	1	-	-	-	-	8	
ood W	-	12536	13	6	2	2	-	-	-	-	-	-	-	-	-	-	-	-	
ham H	-	27347	18	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
ersea Ww	-	54016	70	32	11	4	-	-	-	-	-	-	-	-	-	-	1	1	
sworth HL	-	19783	7	8	-	2	-	-	-	-	-	-	1	-	-	1	-	4	
ey	-	9439	5	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-	
atham	-	14475	7	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-	
ich	-	4041	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
erwell WL†L†	-	31254	32	17	3	6	-	-	-	-	1	-	-	-	-	-	1	3	
ham W	-	42160	35	18	6	6	-	-	-	-	-	-	-	-	-	-	-	-	
George Camberwell	-	33851	31	16	3	5	1	-	-	-	-	-	-	1	1	-	1	-	
aul Deptford w	-	53714	58	18	4	8	1	-	-	-	-	-	-	-	-	-	-	1	
icholas Deptford	-	6474	8	3	1	-	-	-	-	-	-	-	1	-	-	-	1	-	
nwich West	-	21034	19	11	3	4	-	-	-	-	-	-	-	-	-	-	-	-	
nwich East WH	-	19378	7	21	2	10	-	-	-	-	-	-	-	-	-	-	-	10	
am H	-	4539	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
sham Village WH	-	16440	14	3	-	-	-	-	-	-	-	-	-	-	-	-	-	2	
sham H	-	11513	6	6	-	2	-	-	-	-	-	-	-	-	-	1	-	-	
	-	19065	17	7	-	4	-	-	-	-	-	-	-	-	-	-	-	-	
lton H	-	9564	2	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
wich Dockyard	-	17226	13	6	1	2	-	-	-	-	-	-	-	-	-	-	1	-	
wich Arsenal WHH	-	18331	20	7	2	3	-	-	-	-	-	-	-	-	-	-	-	-	
instead, West	-	13027	8	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
instead, East W	-	15232	24	10	2	4	-	-	-	-	-	-	-	-	-	-	-	7	

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by w:—

Central London Sick Asylum in Tottenham-court sub-district.	London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Kentish Town sub-district.	Stepney Bow sub-district.
London City Workhouse in Islington East sub-district.	Poplar & Stepney Sick Asylum
Islington Infirmary	Westminster Union Industrial School in Battersea sub-district.
London City Workhouse " Hackney sub-district."	Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.
Islington	
Whitechapel " Hoxton New Town sub-district."	
" Mile End Old Town Eastern sub-dist."	

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 24th March 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- mer- ated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
						Deaths of		Deaths from											
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.				
	LONDON—OUTER RING	368,414	631,381	528	280	57	88	7	-	6	1	5	-	2	4	10	36		
29:1	Carshalton <i>W</i> - - -	12228	13523	7	2	-	-	-	-	-	-	-	-	-	-	-	-		
2	Epsom (<i>part of</i>) * <i>WH</i> -	9971	9145	3	1	1	-	-	-	-	-	-	-	-	-	-	-		
36:1	Godstone (<i>part of</i>) * - -	2754	900	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
37:1	Croydon <i>WWH</i> - - -	20851	71319	52	36	9	13	-	-	-	-	2	-	-	-	-	6		
2	Mitcham <i>WH</i> - - -	11697	12534	10	3	-	1	-	-	-	-	-	-	1	-	-	-		
38:1	Wimbledon <i>HH</i> - - -	3220	9087	-	2	-	-	-	-	-	-	1	-	-	-	-	-		
2	Kingston <i>WH</i> - - -	8549	27489	24	12	4	4	-	-	-	-	-	-	1	-	-	1		
3	Esher (<i>part of</i>) * - - -	6601	7353	7	4	3	-	-	-	-	-	-	-	-	-	-	-		
4	Hampton - - -	4573	10185	7	4	1	1	-	-	-	-	-	-	-	-	-	-		
39:1	Richmond <i>WH</i> - - -	2271	16829	12	5	1	3	-	-	-	-	-	-	-	-	-	-		
2	Mortlake - - -	2961	9316	13	3	-	-	-	-	-	-	-	-	-	2	2	-		
40:1	Bromley (<i>part of</i>) * <i>HH</i> -	15669	19509	16	14	1	7	-	-	-	-	-	-	-	-	-	-		
2	Chislehurst (<i>part of</i>) * <i>W</i> -	13665	10028	6	8	3	4	-	-	-	-	-	-	-	-	-	3		
41:1	Bexley <i>H</i> - - -	13439	19566	12	6	-	4	-	-	-	-	-	-	-	-	-	-		
123:1	Sunbury <i>W</i> - - -	11055	9860	6	6	2	1	-	-	-	-	-	-	-	-	1	-		
2	Staines <i>W</i> - - -	13277	10339	2	4	1	1	-	-	-	-	-	-	-	-	3	-		
124:1	Hillingdon <i>WH</i> - - -	6029	9712	9	1	-	1	-	-	-	-	-	-	-	-	-	1		
2	Uxbridge - - -	6178	5329	6	1	-	-	-	-	-	-	-	-	-	-	-	-		
3	Hayes <i>WL</i> - - -	14587	10497	4	6	1	4	-	-	1	-	-	-	-	-	-	2		
125:1	Isleworth <i>W</i> - - -	7008	19930	11	5	2	1	-	-	-	-	-	-	-	-	-	2		
2	Twickenham - - -	2477	10533	7	3	1	1	-	-	-	-	-	-	-	-	-	-		
3	Brentford <i>HL</i> - - -	4370	20279	15	9	-	4	-	-	-	-	-	-	-	-	-	-		
4	Chiswick - - -	1311	8508	3	3	2	-	-	-	-	-	-	-	-	-	-	-		
5	Acton <i>WH</i> - - -	6087	12683	16	5	-	-	-	-	-	-	-	-	-	1	1	-		
126:1	Harrow <i>H</i> - - -	13809	10869	4	1	1	-	-	-	-	-	-	-	-	-	-	-		
2	Edgware - - -	6994	3450	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Willesden - - -	4383	15869	22	8	-	3	-	-	2	-	-	-	-	-	-	-		
4	Hendon <i>WH</i> - - -	8382	6972	7	6	2	-	-	-	-	-	-	-	-	-	-	2		
127:1	South Mimms - - -	15419	5924	-	3	1	-	-	-	-	-	-	-	-	-	-	-		
2	Barnet <i>W</i> - - -	5423	7752	4	3	1	-	-	-	-	-	-	-	-	-	-	1		
3	Finchley <i>L</i> - - -	4688	11493	10	8	-	4	-	-	-	-	-	-	-	-	-	7		
128:1	Hornsey <i>H</i> - - -	3039	19357	16	6	1	1	-	-	1	-	-	-	-	-	2	-		
2	Tottenham <i>H</i> - - -	4642	22869	24	10	3	3	-	-	1	-	-	-	-	1	1	-		
3	Edmonton <i>WW</i> - - -	7483	13860	13	14	-	7	1	-	-	-	1	-	-	-	-	8		
4	Enfield <i>WH</i> - - -	12653	16054	21	5	1	3	-	-	-	-	-	-	-	-	-	-		
5	Waltham Abbey - - -	11017	5197	2	2	-	-	-	-	-	-	-	-	-	-	-	-		
6	Cheshunt - - -	8493	7518	6	3	-	1	-	-	-	-	-	-	-	-	-	-		
134:1	Hatfield (<i>part of</i>) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
136:1	Bushey - - -	9028	6472	1	2	-	1	1	-	-	-	-	-	-	-	-	-		
185:1	Stratford - - -	882	23286	21	14	4	2	1	-	-	-	-	-	-	-	-	-		
2	West Ham <i>WWWW</i> - - -	7345	44642	68	25	9	2	4	-	-	1	1	-	-	-	-	-		
3	Leyton <i>WW</i> - - -	4274	15513	16	9	1	2	-	-	-	-	-	-	-	-	-	4		
4	Walthamstow <i>H</i> - - -	6619	15701	16	10	-	5	-	-	-	-	-	-	-	-	-	-		
186:1	Chigwell (<i>part of</i>) * <i>H</i> -	10483	8169	10	2	-	2	-	-	-	-	-	-	-	-	-	-		
188:1	Romford (<i>part of</i>) * - -	6730	2879	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Ilford - - -	8492	5947	1	1	-	-	-	-	1	-	-	-	-	-	-	-		
3	Barking Town - - -	4128	6576	12	5	1	2	-	-	-	-	-	-	-	-	-	-		

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:—
 29:2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36:1, the two parishes of Warlingham and Farley in Godstone sub-district; 38:3, the whole of Esher sub-district, except the parish of Esher (pop. 1744); 40:1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40:2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134:1, only the parish of Northaw in Hatfield sub-district; 186:1, the whole of the Chigwell sub-district, except the parish of Thoydon-Bols (pop. 798); 188:1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 24th March, 1877.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
						Deaths of		Deaths from								Deaths in Public Institutions.	
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhœa.	Violence.		
TER LONDON	446,494	4,367,547	24·9	2·7	2082	442	553	83	32	23	4	42	25	13	55	386	
NER LONDON -	78,080	3,533,484	26·6	3·0	1802	385	465	76	32	17	3	37	25	11	51	350	
TER RING -	368,414	834,063	17·5	1·3	280	57	88	7	-	6	1	5	-	2	4	36	

—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 14·7 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 28 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA -	429,535	February 17	-	250	30·3	Fevers 64; cholera 31.
BOMBAY -	644,405	" 13	-	582	47·0	Small-pox 32; cholera 23.
MADRAS -	397,552	" 9	-	1016	132·8	Small-pox 119; cholera 383; fevers 84.
PARIS -	1,851,792	March 22	-	1094	30·7	Typhoid fever 35; small-pox 3.
GENEVA* -	67,829	" 17	41	39	30·0	—
BRUSSELS -	188,609	" 17	128	96	26·5	Diphtheria 3; small-pox 1.
AMSTERDAM -	289,981	" 17	219	170	29·8	Typhus and typhoid fever 3.
ROTTERDAM -	136,231	" 17	129	68	25·9	—
THE HAGUE -	104,095	" 17	90	43	21·5	—
COPENHAGEN -	215,000	" 13	201	108	26·2	Whooping-cough 8.
STOCKHOLM -	144,305	" 10	-	78	28·1	Scarlet fever 6; diphtheria 2.
CHRISTIANIA -	79,000	" 17	68	45	29·6	Scarlet fever 3.
BERLIN -	997,269	" 3	864	465	24·3	Scarlet fever 16; diphtheria 22.
HAMBURG (State)	393,588	" 10	321	227	30·1	Diphtheria and croup 9; typhus 3.
DRESDEN -	202,295	" 10	-	101	26·0	Scarlet fever 3.
BRESLAU -	246,813	" 17	203	153	32·2	—
MUNICH -	209,000	" 17	173	137	34·2	Diphtheria and croup 6.
VIENNA -	714,548	" 17	602	413	30·0	Small-pox 18; diphtheria 17; typhoid fev. 37.
BUDA-PESTH -	315,401	" 10	271	271	44·7	Diphtheria 4; whooping-cough 15.
ROME -	262,428	February 11	-	-	-	—
NAPLES -	454,948	March 4	-	322	36·5	Diphtheria 5; croup 4; typhus 3.
TURIN -	223,488	" 10	122	138	31·7	Diphtheria and croup 11.
VENICE -	139,796	" 10	75	68	25·3	—
ALEXANDRIA -	212,034	" 10	201	166	40·8	Small-pox 1.
NEW YORK -	1,070,578	February 24	-	447	21·8	Scarlet fever 24; diphtheria 14.
BROOKLYN -	527,830	March 3	-	238	23·4	Scarlet fever 14; diphtheria 18.
PHILADELPHIA -	850,856	" 3	-	311	19·1	Small-pox 5; scarlet fev. 6; typhoid fev. 5.
BOSTON -	352,000	" 3	-	145	20·7	Diphtheria 14.

* With suburbs, including Genf, Plain-palais, and Eaux-Vives.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 24th MARCH, 1877.
[Under the Superintendence of the Astronomer Royal.]

MOON.		BARO-METER.		READINGS OF THERMOMETERS.										DIFFERENCE				WIND.		RAIN.						
				Dry.			Dew Point.		Highest in the sun, as shown by a self-registering thermometer with blackened bulb in vacuo, Thermometer placed on the Grass.	Lowest on the Grass, as shown by a self-registering thermometer.		In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between Dew Point Temperature and Air Temperature.		Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*						Degree of Humidity, complete saturation being represented by 100.				
Phases of Moon.		Mean daily reading (corrected and reduced to 32 deg. Fahren. height).	High-est.	Low-est.	Range in day.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Least.	Great-est.	Least.	Great-est.	A.M.	P.M.	Pressaureon square foot.	Amount of Horizontal Movement of Air of each day.	Robinson's.	Depart-ure from surface of 16 years.						
1877.																										
MONTH AND DAY.																										
MARCH.																										
SUN.	18	in.	29.473	51.7	31.3	20.4	40.6	33.1	103.4	26.5	44.8	41.8	7.5	17.2	0.0	0.0	WSW.	SSW. & SW.	2.6	0.0	0.2	267	43	0.01	6.5	
MON.	19		29.370	48.1	28.2	19.9	36.9	33.8	101.3	20.8	44.3	41.9	3.1	11.5	0.0	0.0	SW. W. & NE.	NNE.ENE. & NE.	1.1	0.0	0.1	198	116	0.00	1.0	
TUES.	20		29.138	40.5	32.4	8.1	35.5	29.3	52.7	29.8	44.5	42.3	6.2	10.1	1.7	6.2	NNE.	NNE. & N.	8.5	0.0	1.9	548	232	0.03	6.0	
WED.	21		29.215	41.3	30.6	10.7	35.5	31.3	58.2	23.0	43.8	41.8	4.2	8.3	2.0	6.3	N.	N.	8.4	0.0	1.6	383	68	0.08	0.0	
THURS.	22	Greatest Dec. N.	29.557	47.4	26.7	20.7	35.0	30.1	76.3	18.5	43.3	41.3	4.9	16.0	0.3	6.9	W. & WSW.	Variable.	1.7	0.0	0.1	134	178	0.15	0.0	
FRI.	23	First Qr.	29.450	49.0	26.5	22.5	37.9	33.5	94.1	22.4	43.5	41.5	4.4	14.5	0.0	4.1	WSW. SW. & S.	S. SE. & ESE.	1.5	0.0	0.2	215	86	0.04	3.0	
SAT.	24		29.018	53.0	34.9	18.1	42.4	35.0	101.7	34.4	42.5	40.8	7.4	15.6	1.3	0.3	Variable.	SW. & SSE.	4.8	0.0	0.8	345	59	0.25	8.5	
MEANS .			29.317	47.3	30.1	17.2	37.7	32.3	84.0	25.1	43.8	41.6	5.4	13.3	0.8	4.2	Variable.		..	..	..	Sum 2090	Sum 64	Sum 0.56	3.6
No. of Cal.			4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. MARCH.	Electricity.		Registered Sunshine, in hours.		Sun above Horizon, in hours.	
	18	19	20	21	22	23
SUNDAY	No electricity was shown.		6.3	12.0	12.0	12.0
MONDAY	No electricity was shown.		5.4	12.0	12.0	12.0
TUESDAY	No electricity was shown.		0.0	12.1	12.1	12.1
WEDNESDAY	No electricity was shown.		0.0	12.2	12.2	12.2
THURSDAY	No electricity was shown.		2.6	12.2	12.2	12.2
FRIDAY	No electricity was shown.		6.5	12.3	12.3	12.3
SATURDAY	No electricity was shown.		5.9	12.4	12.4	12.4
..	No electricity was shown.		Sum	26.7	Sum	85.2

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending December 31, 1845.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873.

* In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and - "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 29.48 in. at the beginning of the week to 29.51 in. by 9h. A.M. on the 18th; decreased to 29.10 in. by 9h. P.M. on the 20th; increased to 29.33 in. by 9h. A.M. on the 22nd; and decreased to 28.87 in. on the 24th.

WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 13. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, MARCH 31. [Price 1½d.

*General Register Office, Somerset House,
3rd April, 1877.*

UNITED KINGDOM.

DURING last week 5787 *births* and 4715 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 1072. The mortality from all causes was at the average rate of 30 deaths annually in every 1000 persons living. The annual death-rate was 26 per 1000 in Edinburgh, 31 in Glasgow, and 41 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow :—Leicester 16, Brighton 18, Nottingham 21, Bristol 22, Portsmouth 23, Bradford 25, Norwich 25, Liverpool 27, Wolverhampton 28, Plymouth 28, Leeds 29, Hull 29, Newcastle-upon-Tyne 30, London 30, Sunderland 30, Sheffield 32, Oldham 33, Manchester 36, Salford 36, and Birmingham 38. The annual death-rate from the seven principal zymotic diseases averaged 3·3 per 1000 in the twenty towns, and ranged from 0·0 and 0·8 in Brighton and Portsmouth, to 5·7 and 6·3 in Manchester and Salford. Whooping-cough showed fatal prevalence in Manchester and Sheffield. The fatal cases of small-pox in the twenty towns, which had been 114 and 87 in the two preceding weeks, rose again last week to 93, of which 86 occurred in London, 4 in Liverpool, and 3 in Manchester and Salford (exclusive of 10 fatal municipal cases in Monsall Hospital); no death from this disease was registered in any of the sixteen other towns.

LONDON.

In LONDON 2429 BIRTHS and 2052 DEATHS were registered. Allowing for increase of population, the births were 113 below, whereas the deaths exceeded by 353, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which had been equal to 26·6 per 1000 in each of the two previous weeks, rose last week to 30·3. During the four weeks ending 3rd March the death-rate averaged only 22·1 per 1000, whereas in the four following weeks ending last Saturday the rate rose to 27·5. The deaths in the latter period showed an excess of 24 per cent. upon those registered in the preceding four weeks: the increase in the male death-rate was equal to 27, while in the female rate it did not exceed 21 per cent. The mortality among persons aged upwards of 60 years during the past four weeks has exceeded by 29 per cent. that which prevailed in the preceding four weeks; the largest excess, however, occurred among children aged between one and five years, among whom it was equal to 36 per cent., and was due in some measure to the greater fatality of measles.

The 2052 deaths included 86 from small-pox, 53 from measles, 27 from scarlet fever, 8 from diphtheria, 48 from whooping-cough, 14 from different forms of fever, and 7 from diarrhoea; thus to the seven principal diseases of the zymotic class 243 deaths were referred, against 231 and 201 in the two preceding weeks. These 243 deaths were 4 above the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 3·6 per 1000. The 53 fatal cases of measles exceeded the numbers in recent weeks, and were 16 above the corrected weekly average; 7 occurred in Islington, 5 in St. Luke's, 4 in Bethnal Green, 5 in Whitechapel, and 6 in Lambeth. Three deaths from scarlet fever were returned in Mile End Old Town, 3 in Islington, and 3 in Lambeth. Of the 8 fatal cases of diphtheria, 3 occurred in Paddington. The 48 deaths from whooping cough showed a further increase upon the numbers in recent weeks, although they were considerably below the corrected average; 17 occurred in North London (including 10 in Islington), and 18 in South London, whereas not one was registered in the West group of districts. Only 14 deaths were referred to fever, 22 less than the corrected average; one was certified as

typhus, 10 as enteric or typhoid, and 3 as simple continued fever. The fatal case of typhus occurred in Mile End Old Town.

The deaths from small-pox, which had been 100 and 76 in the two preceding weeks, rose again to 86 last week; 39 were certified as unvaccinated, 15 as vaccinated, and 32 were "not stated" as to vaccination. Of the 86, 36 were recorded in the Metropolitan Asylum Hospitals, 3 in the Highgate Small Pox Hospital, and one each in the Pancras Hospital and the House of Correction; the remaining 45 cases occurred in private dwellings. Excluding one extra-Metropolitan case, and distributing the 40 other hospital cases, it appears that 9 of the deceased small-pox patients had resided in Poplar, 8 in Islington, 8 in Hackney, 8 in Southwark, 7 in Bow, and 5 in Pancras; in all, 7 belonged to the West, 24 to the North, 5 to the Central, 26 to the East, and 23 to the South groups of Districts. Six of the 8 deaths in Islington, five of the 7 in Bow, all the 4 in Bermondsey and Rotherhithe, and all the 3 in Belgrave sub-district, occurred in private houses. The fatality of the disease continues greatest in East London.

The Metropolitan Asylum District Hospitals contained 993 small-pox patients on Saturday last, including 52 convalescents at Limehouse; the numbers at the end of the five previous weeks had ranged from 898 to 952.

The deaths referred to diseases of the respiratory organs, which in the five previous weeks had steadily increased from 303 to 575, further rose last week to 645, which exceeded the corrected weekly average by 231; 427 resulted from bronchitis and 152 from pneumonia. The deaths from this class of disease during the four weeks ending last Saturday exceeded the number in the preceding four weeks by 56 per cent.

Different forms of violence caused 60 deaths; 52 were the result of negligence or accident, including 20 from fractures and contusions, 10 from burns and scalds, and 16 of infants under one year of age from suffocation. Seven deaths were caused by horses or vehicles in the streets.

GREATER LONDON.

In Greater London 2932 births and 2420 deaths were registered, equal to annual rates of 35·0 and 28·9 per 1000 of the population. The fatal cases of small-pox in the Outer Ring, which had been 14 and 7 in the two preceding weeks, rose again to 10 last week, of which 8 occurred in West Ham and Stratford, and one each in Twickenham and Willesden. Two deaths from diphtheria were registered in Bromley and Chislehurst, and two from fever in Croydon.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 24, Bombay 47, Madras 134; Paris 32; Geneva 15; Brussels 29; Amsterdam 29, Rotterdam 32, The Hague 30; Copenhagen 25; Stockholm 33; Christiania 20; Berlin 26, Hamburg 28, Dresden 21, Breslau 34, Munich 33; Vienna 31, Buda-Pesth 44; Rome 27, Naples 44, Turin 29, Venice 31, Alexandria 48; New York 27, Brooklyn 21, Philadelphia 20, and Boston 17. The high death-rate in Madras was caused by 261 fatal cases of cholera, and 206 of small-pox.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·40 in.; the lowest reading was 28·78 in. on Sunday morning, and the highest 29·95 in. on Saturday morning. The mean temperature of the *air* was 46°·4, and 3°·3 above the average in the corresponding week of the 60 years 1814-73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed an excess on each day of the week; on Monday the mean was 42°·7, and 0°·2 above the average, whereas on Thursday it was 48°·7, showing an excess of 5°·4. The lowest night temperature was 38°·5 on Monday and Saturday, and the highest day temperature in the shade 59°·4 on Thursday; the extreme range in the week was, therefore, 20°·9. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 105°·5 on Sunday. The difference between the mean *dew-point* and *air* temperature averaged 5°·3. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 44°·9. The mean degree of *humidity* of the air was 82, complete saturation being represented by 100. The direction of the *wind* was variable, and the horizontal movement of the air averaged 11·0 miles per hour, which was 1·6 below the average in the corresponding week of 16 years. *Rain* fell on five days of the week, to the aggregate amount of 0·91 of an inch. The duration of registered sunshine in the week was 24·8 hours, out of 88·4 hours during which the sun was above the horizon.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames was 416,698 cubic metres at Crossness, and 407,690 cubic metres at Barking, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

TABLE 1. BIRTHS and DEATHS registered, and METEOROLOGY,* during the Week ending Saturday the 31st day of March 1877, in the following large TOWNS.

CITIES AND BOROUGHES.	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 31st March 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
TOWNS in the UNITED KINGDOM }	212,881	8,144,940	38·3	5787	4715	59·5	27·8	44·0	6·67	0·84	2·13
LONDON - - -	75,362	3,533,484	46·9	2429	2052	59·4	38·5	46·4	8·00	0·91	2·31
GLoucester - - -	2,354	102,264	43·4	47	35	55·0	39·0	46·1	7·84	0·55	1·40
SMITH - - -	4,486	127,144	28·3	90	56	56·6	38·3	46·3	7·95	1·00	2·54
WICH - - -	7,472	84,023	11·2	59	41	56·0	39·0	45·0	7·22	0·51	1·30
OUTH - - -	1,395	72,911	52·3	39	39	58·5	36·0	44·8	7·12	1·85	4·70
COL - - -	4,452	202,950	45·6	140	87	57·8	32·3	44·9	7·17	1·13	2·87
VERHAMPTON -	3,396	73,389	21·6	49	39	55·6	31·9	42·4	5·78	0·19	0·48
INGHAM - - -	8,400	377,436	44·9	310	277	56·0	37·3	44·8	7·12	0·83	2·11
ESTER - - -	3,200	117,461	36·7	85	37	59·5	37·8	46·3	7·95	0·27	0·69
INGHAM - - -	1,996	95,025	47·6	70	39	57·3	35·9	44·8	7·12	0·54	1·37
POOL - - -	5,210	527,083	101·2	372	275	55·6	35·7	44·5	6·95	0·24	0·61
CHESTER - - -	4,293	359,213	83·7	251	247	59·0	34·0	44·8	7·12	0·58	1·47
ORD - - -	5,170	141,184	27·3	151	97	56·7	31·4	42·6	5·90	0·59	1·50
AM - - -	4,666	89,796	19·2	73	56	-	-	-	-	-	-
ORD - - -	7,220	179,315	24·8	113	86	54·0	35·6	41·5	5·28	2·15	5·46
OS - - -	21,572	298,189	13·8	217	168	57·0	34·0	42·5	5·84	1·40	3·56
FIELD - - -	19,651	282,130	14·4	216	173	54·0	33·0	41·9	5·50	0·48	1·22
L - - -	3,635	140,002	38·5	110	79	53·0	32·0	42·3	5·73	0·86	2·18
DERLAND - - -	3,306	110,382	33·4	77	64	57·0	37·0	43·7	6·50	1·34	3·40
CASTLE-ON-TYNE	5,371	142,231	26·5	128	82	-	-	-	-	-	-
BURGH - - -	4,191	218,729	52·2	129	110	53·1	32·3	40·4	4·66	1·15	2·92
AGOW - - -	6,033	555,933	92·1	427	328	-	-	-	-	-	-
BLIN - - -	10,050	314,666	31·3	205	248	58·2	27·8	44·6	7·01	0·26	0·66

For names of the Meteorological Observers in the several towns, see note at foot of Table 4.
The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by the addition of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,055,612 persons, and in DUBLIN, during the Week ending Saturday the 31st day of March 1877.

			The DEATHS registered in the Week include													
BOROUGHES, &c.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.	
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.			
Municipal Boundaries, (except for LONDON and DUBLIN.)																
in 20 TOWNS -	29·8	3·3	4029	867	956	93	73	63	13	120	57	26	118	230	626	
LONDON - - -	30·3	3·6	2052	420	497	86	53	27	8	48	14	7	60	130	367	
GLoucester - - -	17·9	0·0	35	7	16	-	-	-	-	-	-	-	1	1	3	
SMITH - - -	23·0	0·8	56	15	12	-	-	-	-	-	2	-	2	3	3	
WICH - - -	25·5	3·1	41	10	13	-	2	2	-	-	1	-	1	4	6	
OUTH - - -	27·9	2·9	39	6	13	-	-	1	-	-	2	1	1	3	4	
STOL - - -	22·4	3·1	87	23	22	-	1	-	-	9	1	1	2	4	16	
VERHAMPTON -	27·7	3·6	39	6	13	-	-	3	-	-	2	-	1	2	7	
INGHAM - - -	38·3	2·5	277	78	56	-	4	2	1	3	4	4	10	20	25	
ESTER - - -	16·4	0·9	37	11	8	-	-	-	-	2	-	-	-	2	3	
TINGHAM - - -	21·4	2·8	39	11	11	-	1	1	-	3	-	-	-	1	6	
ERPOOL - - -	27·2	3·2	275	68	49	4	1	3	1	13	8	2	14	18	58	
NCHESTER - - -	35·9	5·7	247	56	47	1	6	2	2	18	7	3	8	18	40	
ORD - - -	35·9	6·3	97	24	15	2	3	3	-	4	4	1	4	5	16	
OHAM - - -	32·5	2·3	56	12	8	-	-	-	-	1	3	-	2	2	3	
ADFORD - - -	25·0	1·5	86	13	15	-	-	3	-	1	1	-	3	4	13	
EDS - - -	29·4	1·6	168	40	41	-	-	5	-	1	-	3	2	5	10	
FFIELD - - -	32·0	4·8	173	28	44	-	-	4	1	13	6	2	4	4	20	
LL - - -	20·4	1·5	79	12	28	-	-	1	-	2	-	1	1	2	10	
NDERLAND - - -	30·3	3·3	64	14	21	-	-	6	-	-	1	-	-	-	4	
WCASTLE-ON-TYNE	30·1	2·2	82	13	27	-	2	-	-	2	1	1	2	2	12	
BLIN - - -	41·1	2·3	248	32	75	-	2	3	-	3	5	1	6	4	77	

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the THIRTEENTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2489	2308	2319	2421	2284	2250	2481	2086	2493	2629	2376·0	2429
Males . .	1254	1170	1132	1247	1145	1151	1263	1119	1331	1364	1217·6	1229
Females . .	1235	1138	1187	1174	1139	1099	1218	967	1162	1265	1158·4	1200
TOTAL Deaths	1601	1320	1670	1625	1564	1641	1540	1349	1873	1696	1587·9	2052
Males . .	824	670	838	832	784	822	766	671	919	855	798·1	1077
Females . .	777	650	832	793	780	819	774	678	954	841	789·8	975

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867–76, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Jan. 6.	Jan. 13.	Jan. 20.	Jan. 27.	Feb. 3.	Feb. 10.	Feb. 17.	Feb. 24.	Mar. 3.	Mar. 10.	Mar. 17.	Mar. 24.	Mar. 31.
TOTAL Deaths - - -	1507	1358	1491	1425	1528	1504	1462	1495	1529	1782	1800	1802	2052
0—20 - - -	673	565	693	636	673	648	653	675	702	810	850	766	898
20—40 - - -	229	218	244	226	214	215	234	206	232	269	247	270	277
40—60 - - -	277	261	258	254	292	262	248	289	258	326	277	301	380
60—80 - - -	278	265	217	251	289	317	263	263	289	313	338	382	417
at 80 years & upwds.	50	49	79	58	60	62	64	62	48	64	88	83	80
Deaths of children { Under 1 year -	340	263	367	331	337	317	334	323	334	372	392	385	420
{ 1—5 - - -	222	202	219	209	241	212	215	259	246	306	331	269	361
{ 5—20 - - -	111	100	107	96	95	119	104	93	122	132	127	112	117
Deaths from 7 principal Zymotic Diseases {	253	214	210	204	231	207	187	208	212	213	231	201	243
" " Small-pox - - -	116	100	79	86	103	90	72	104	84	96	100	76	86
" " Measles - - -	28	24	17	22	22	21	18	14	23	33	44	32	53
" " Scarlet fever - -	25	23	42	21	23	14	19	16	23	17	15	17	27
" " Diphtheria - - -	12	4	5	3	4	7	6	5	4	4	5	3	8
" " Whooping-cough -	32	25	31	40	41	44	38	38	40	28	36	37	48
" " Typhus fever - - -	3	3	5	4	5	2	7	2	1	2	1	4	1
" " Enteric (or Typhoid) fever -	14	17	10	14	14	11	9	11	13	20	15	18	10
" " Simple Cont ^d fever -	5	2	3	3	1	7	2	4	2	3	5	3	3
" " Diarrhœa - - -	18	16	18	11	18	11	16	14	22	10	10	11	7
" " Simple Cholera - -	1	-	-	-	-	-	-	-	-	-	-	-	-
" " Dis. of Respiratory Organs -	298	291	290	304	375	381	355	303	355	452	498	575	645
" " Phthisis - - -	134	139	166	147	156	173	166	168	169	226	189	201	224
" " Heart Diseases - -	101	75	81	96	95	101	96	84	95	102	102	103	114
Violent Deaths - - -	89	51	55	52	45	51	45	54	46	59	52	51	60
Inquest Cases - - -	170	96	101	91	95	111	83	120	90	114	106	94	130
Deaths in Public Institutions	335	297	316	283	319	317	275	329	311	387	349	350	367
TEMPERATURE OF THE AIR:													
Mean - - -	46·8	41·5	45·5	39·0	43·0	46·3	46·4	40·4	39·1	36·9	41·7	37·7	46·4
Mean of Highest readings -	50·9	46·2	49·8	46·8	48·7	52·2	51·8	45·8	46·6	42·7	49·0	47·3	55·1
Mean of Lowest readings -	42·0	37·4	39·7	30·7	36·7	40·5	42·2	35·7	33·2	32·9	34·8	30·1	40·2
Mean Temperature of the Water of the Thames -	44·9	44·6	42·7	43·2	41·0	44·1	47·5	44·4	41·3	41·8	41·0	42·7	44·9
Humidity of the Air - - -	87	90	90	87	84	85	82	79	75	80	73	81	82
Rain-fall in inches - - -	1·34	1·96	0·39	0·40	0·42	0·06	0·78	0·68	0·31	0·47	0·07	0·56	0·91
Registered Sunshine (in hours)	2·0	1·3	0·8	11·2	5·3	2·3	9·3	9·8	17·0	17·4	26·5	26·7	24·8

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTEENTH Week of the Year 1877.

CAUSES OF DEATH.		Average in the Thirteenth Weeks of the 10 years 1867-76.	In the Week ending Saturday, March 31, 1877.								CAUSES OF DEATH.		Average in the Thirteenth Weeks of the 10 years 1867-76.	In the Week ending Saturday, March 31, 1877.							
			Deaths of Persons of the Ages											Deaths of Persons of the Ages							
			ALL AGES.	Under 20.			40.	60.	80.	80 Years and upwards.				ALL AGES.	Under 20.			40.	60.	80.	80 Years and upwards.
Mean Tem.	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	Mean Tem.	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.						
Temperature -	43.7	46.4	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	Mean Temperature -	43.7	46.4	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.		
CAUSES		1587.9	2052	420	361	117	277	380	417	80	9. Stricture of Intestines		1.3	3	-	-	-	1	2	-	
CAUSES		1576.1	2049	418	360	117	277	380	417	80	10. Fistula		1.2	1	-	-	-	1	1	3	
CAUSES											11. Stomach Disease, &c.		5.5	7	2	-	1	1	-		
CAUSES											12. Pancreas Disease, &c.		1	-	-	-	-	-	-		
CAUSES											13. Hepatitis		3.5	6	-	-	1	3	2		
CAUSES											14. Jaundice		3.4	3	2	-	-	1	-		
CAUSES											15. Liver Disease, &c.		19.0	26	-	-	3	11	10		
CAUSES											16. Spleen Disease, &c.		3	-	-	-	-	-	-		
CAUSES											ORDER 5.										
CAUSES											1. Nephritis		1.9	1	-	-	-	-	-		
CAUSES											2. Ischuria		5	-	-	-	-	-	-		
CAUSES											3. Bright's Dis.(Nephria)		12.0	16	-	-	1	2	9		
CAUSES											4. Diabetes		2.5	1	-	-	-	-	4		
CAUSES											5. Calculus (Stone)		9	-	-	-	-	-	-		
CAUSES											6. Cystitis		1.4	-	-	-	-	-	-		
CAUSES											7. Kidney Disease, &c.		8.8	10	-	-	1	1	4		
CAUSES											ORDER 6.										
CAUSES											1. Ovarian Dropsy		4	1	-	-	-	1	-		
CAUSES											2. Uterus Disease, &c.		3.8	11	-	-	1	3	5		
CAUSES											ORDER 7.										
CAUSES											1. Synovitis (Arthritis)		3	1	-	1	-	-	-		
CAUSES											2. Joint Disease, &c.		6.8	11	1	1	4	3	2		
CAUSES											ORDER 8.										
CAUSES											1. Phlegmon		3.2	3	-	-	-	1	1		
CAUSES											2. Ulcer		9	3	-	-	-	2	1		
CAUSES											3. Skin Disease, &c.		8	4	3	-	-	-	1		
CAUSES											IV. DEVELOPMENTAL DISEASES.										
CAUSES											ORDER 1.										
CAUSES											1. Premature Birth		20.1	25	25	-	-	-	-		
CAUSES											2. Cyanosis		2.9	7	5	1	1	-	-		
CAUSES											3. Spina Bifida		8	2	2	-	-	-	-		
CAUSES											4. Other Malformations		1.5	1	1	-	-	-	-		
CAUSES											5. Teething		19.0	31	15	16	-	-	-		
CAUSES											ORDER 2.										
CAUSES											1. Paramenia		1	-	-	-	-	-	-		
CAUSES											2. Childbirth (see Puer- peral Fever)		5.3	2	-	-	1	1	-		
CAUSES											ORDER 3.										
CAUSES											1. Old Age		59.0	77	-	-	-	-	40		
CAUSES											ORDER 4.										
CAUSES											1. Atrophy and Debility		59.4	71	54	11	-	1	5		
CAUSES											V. VIOLENT DEATHS, &c.										
CAUSES											ORDER 1.										
CAUSES											(ACCIDENT OR NEGLIGENCE.)										
CAUSES											1. Fractures & Contusions		18.6	20	-	-	3	4	8		
CAUSES											2. Wounds { Gunshot } { Cut, Stab }		1	1	-	-	-	-	1		
CAUSES											3. Burns and Scalds		6.2	10	-	5	3	1	1		
CAUSES											4. Poison		1.0	1	-	-	-	-	-		
CAUSES											5. Drowning		4.3	1	-	-	-	1	-		
CAUSES											6. Suffocation		10.4	18	16	1	-	1	-		
CAUSES											7. Otherwise		2.9	1	-	-	-	1	-		
CAUSES											ORDER 3.										
CAUSES											(HOMICIDE.)										
CAUSES											1. Murder & Manslaughter		2.5	2	1	-	-	1	-		
CAUSES											ORDER 4.										
CAUSES											SUICIDE.)										
CAUSES											1. Wounds { Gunshot } { Cut, Stab }		3	1	-	-	-	1	-		
CAUSES											2. Poison		8	-	-	-	-	-	-		
CAUSES											3. Drowning		1.2	1	-	-	-	-	-		
CAUSES											4. Hanging		9	3	-	-	-	2	1		
CAUSES											5. Otherwise		6	-	-	-	-	-	-		
CAUSES											ORDER 5.										
CAUSES											(EXECUTION.)										
CAUSES											1. Hanging		-	-	-	-	-	-	-		
CAUSES											Violent Deaths(not classed)		6	-	-	-	-	-	-		
CAUSES											Sudden Deaths (Cause unascertained)		1.2	2	1	1	-	-	-		
CAUSES											Causes not specified or ill-defined		10.6	1	1	-	-	-	-		

Averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1877.

Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SC during the Week

REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
					Deaths of		Deaths from										
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhea.	Violence.	
LONDON		3,254,260	2429	2052	420	497	86	53	27	8	48	1	10	3	7	60	13
WEST DISTRICTS		561,359	364	311	69	69	3	5	5	5	-	-	2	2	1	6	2
NORTH DISTRICTS		751,729	530	488	99	117	45	11	6	-	17	-	4	-	-	9	2
CENTRAL DISTRICTS		334,369	189	215	45	53	2	7	-	-	4	-	-	-	2	7	1
EAST DISTRICTS		639,111	542	429	91	103	13	15	6	2	9	1	1	-	3	24	4
SOUTH DISTRICTS		967,692	804	609	116	155	23	15	10	1	18	-	3	1	1	14	2
WEST DISTRICTS.																	
St. Mary Paddington WH		58728	47	26	7	4	-	2	-	2	-	-	-	-	-	1	-
St. John Paddington H		38085	7	15	-	4	-	-	-	-	-	-	-	-	-	1	-
Kensington Town W		91645	74	62	19	8	-	-	-	-	-	-	-	-	-	-	-
Brompton H		28654	10	13	1	2	-	-	-	1	-	-	1	-	-	1	-
St. Peter Hammersmith		6662	5	6	4	2	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith H		36029	37	25	7	5	-	-	-	-	-	-	-	-	-	-	-
Fulham WvH		23350	28	11	6	1	-	-	1	-	-	-	-	-	-	-	-
Chelsea South HHH		26420	23	19	3	3	-	1	-	-	-	-	-	-	-	-	-
Chelsea North-west WHHHH		22926	25	15	3	4	-	-	-	-	-	-	-	-	-	-	-
Chelsea North-east		21392	13	8	1	-	-	1	1	-	-	-	-	-	-	-	-
Hanover Square H		18698	3	13	-	5	-	-	-	-	-	-	-	-	-	-	-
May Fair WV		13358	4	7	1	5	-	-	-	-	-	-	-	-	-	-	-
Belgrave HH		57972	26	40	6	9	3	1	2	-	-	-	-	-	-	1	-
St. John Westminster HH		38478	26	19	6	8	-	-	1	-	-	-	-	1	1	-	-
St. Margaret Westminster WH		27781	9	12	2	3	-	-	-	-	-	-	-	-	-	1	-
Golden Square WH		12860	6	4	-	1	-	-	-	1	-	-	-	-	-	1	-
Berwick-street H		20759	7	6	1	3	-	-	-	-	-	-	-	-	-	-	-
St. Anne Soho HHHHH		17562	14	10	2	2	-	-	-	-	-	-	-	1	-	-	-
NORTH DISTRICTS.																	
All Souls Marylebone HHHH		28579	15	17	-	4	-	-	-	-	1	-	1	-	-	2	-
Cavendish Square HH		15425	7	8	1	1	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone WH		26384	14	20	2	8	-	-	-	-	1	-	-	-	-	-	-
St. Mary Marylebone HHH		21786	22	8	1	3	-	-	-	-	1	-	-	-	-	-	-
Christchurch Marylebone H		33944	13	14	4	3	-	1	-	-	-	-	-	-	-	-	-
St. John Marylebone H		33136	22	20	3	10	-	-	1	-	1	-	-	-	-	-	-
Hampstead WvHH		32281	11	17	3	2	11	-	-	-	-	-	-	-	-	-	-
Regent's Park Pancras H		38200	31	19	4	5	-	-	-	-	-	-	-	-	-	1	-
Tottenham-court WHHH		29370	21	25	4	7	-	-	-	-	-	-	-	-	-	-	-
Gray's Inn Lane HH		29221	12	14	6	2	-	-	-	-	-	-	-	-	-	2	-
Somers Town		38533	17	15	3	3	-	-	1	-	-	-	-	-	-	-	-
Camden Town W		17943	12	14	1	3	2	-	-	-	-	-	-	-	-	-	-
Kentish Town w		68198	61	45	12	12	1	-	-	-	-	-	1	-	2	5	-
Islington West HHH		97820	63	68	18	9	8	1	3	-	7	-	-	-	-	1	2
Islington East WvvhH		115958	103	72	19	16	1	6	-	3	3	-	1	-	-	-	4
Stoke Newington H		9841	13	4	1	3	-	-	-	-	-	-	-	-	-	-	-
Stamford Hill		6598	2	4	-	1	-	-	-	-	-	-	-	-	-	-	-
West Hackney		28069	22	24	4	9	2	3	-	-	1	-	-	-	-	-	-
Hackney WvvhHL		50104	40	57	9	11	19	-	-	-	2	-	-	-	-	1	2
South Hackney		30339	29	23	4	5	1	-	1	-	-	-	1	-	-	-	-
CENTRAL DISTRICTS.																	
St. George Bloomsbury		17853	5	9	3	3	-	-	-	-	-	-	-	-	-	-	-
St. Giles South WH		19109	10	11	-	6	-	-	-	-	-	-	-	-	-	-	-
St. Giles North		16594	12	12	4	4	-	-	-	-	-	-	-	-	1	-	-
Long Acre		11379	5	7	3	2	-	-	-	-	1	-	-	-	-	-	-
Charing Cross HH		9859	3	11	1	2	-	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand		9378	2	5	3	-	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes H		10723	4	10	2	1	-	-	-	-	-	-	-	-	-	-	-
St. George-the-Martyr HHHHH		20521	6	14	3	3	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Eastern W		13529	3	9	2	2	-	-	-	-	-	-	-	-	-	-	-
Saffron Hill H		9066	3	4	1	1	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell W		18917	21	15	2	2	-	-	-	-	1	-	-	-	-	-	-
Amwell Clerkenwell		16884	8	7	1	1	2	1	-	-	-	-	-	-	1	-	-
Pentonville		13337	8	6	-	1	-	1	-	-	-	-	-	-	-	-	-
Goswell-street		16242	8	9	3	2	-	-	-	-	1	-	-	-	-	-	-
Old-street H		12161	8	9	3	2	-	-	-	-	-	-	-	-	-	-	-
City-road HHL		18301	24	20	5	4	-	3	-	-	-	-	-	-	-	-	-
Whitecross-street		13792	11	10	3	-	-	2	-	-	1	-	-	-	-	2	-
Finsbury		10741	3	4	1	2	-	-	-	-	-	-	-	-	-	1	-
St. Botolph East London H		14540	8	12	2	5	-	-	-	-	-	-	-	-	-	-	-
Cripplegate		13638	5	6	1	3	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre H		7562	10	13	1	2	-	-	-	-	-	-	-	-	-	3	-
St. Bride W		11185	11	5	-	4	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard		4426	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch		6270	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe		4753	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking		5764	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street H		7845	3	4	1	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see at the foot of next page.

DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
ay, 31st March 1877.

REGISTRATION SUB-DISTRICTS.		Enu- mer- ated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													Deaths in Public Institutions.		
					Deaths of		Deaths from										Inquest Cases.			
							Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.			Diarrhœa.	Violence.
EAST DISTRICTS.																				
Shoreditch	-	-	12430	9	5	-	1	-	-	-	-	-	-	-	-	-	-	1	1	-
ard Shoreditch	HL†	-	16545	15	10	1	2	-	-	-	-	-	-	-	-	-	-	2	3	-
New Town	w	-	27835	24	26	4	10	-	-	-	-	-	-	-	-	-	-	4	10	-
Old Town	-	-	26933	14	12	6	2	-	1	1	-	-	-	-	-	-	-	1	-	-
ton West	W	-	24162	20	25	2	7	-	-	-	-	-	-	-	-	-	-	-	10	-
ton East	H	-	19259	18	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
oad	-	-	29822	35	16	4	4	1	3	-	-	-	-	-	-	-	-	-	-	-
ethnal Green	WHL†	-	42433	51	23	4	7	-	-	-	-	-	-	-	-	-	-	-	-	9
Bethnal Green	-	-	26577	16	9	3	1	-	1	-	-	1	-	-	-	-	-	1	1	-
ethnal Green	-	-	21272	19	11	3	4	-	-	-	-	-	-	-	-	-	-	2	-	-
da	H	-	22499	13	18	6	2	1	2	1	-	-	-	-	-	-	-	2	5	1
el New Town	W	-	15550	8	21	3	6	1	2	-	-	-	-	-	-	-	-	1	3	10
apel North	-	-	11597	6	8	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-
apel Church	H	-	7322	6	18	1	2	-	-	-	-	-	-	-	-	-	-	8	8	15
's Fields	-	-	10381	4	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	9224	6	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. George East	-	-	17900	15	12	3	3	-	-	-	-	-	-	-	-	-	-	-	1	-
St. George East	-	-	21350	17	8	2	2	1	-	-	-	-	-	-	-	-	-	1	1	-
St. George East	W	-	8802	11	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-	2
	-	-	11640	9	11	3	4	1	-	-	-	-	-	-	-	-	-	1	2	-
H	-	-	16131	17	7	1	2	-	-	-	-	1	-	-	-	-	-	1	1	1
se W	-	-	29919	25	14	3	4	1	-	1	-	-	-	1	-	-	-	-	-	-
Old Town Western	-	-	38128	21	27	7	8	-	1	2	-	2	1	-	-	-	-	1	2	-
Old Town Eastern	WwwH	-	55024	47	51	11	15	-	1	1	-	-	-	-	-	-	-	2	6	10
ewHL†	-	-	67765	80	53	12	10	5	1	-	-	3	-	-	-	-	-	2	3	12
WW	-	-	48611	36	26	7	2	2	-	-	1	2	-	-	-	-	-	2	4	-
SOUTH DISTRICTS.																				
urch Southwark	WH	-	14573	6	11	3	2	-	-	-	-	-	-	-	-	-	-	2	2	1
our Southwark	H	-	15677	12	8	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
d	-	-	20421	14	10	3	3	-	1	1	-	-	-	-	-	-	-	-	-	-
oad WH	-	-	16695	15	14	4	7	-	1	-	-	-	-	-	-	-	-	1	2	5
oad HL	-	-	18961	10	13	2	5	-	1	1	-	-	-	-	-	-	-	-	-	1
ewington	-	-	23682	20	13	1	1	1	-	-	-	1	-	-	-	-	-	1	1	-
Walworth	W	-	48248	79	47	9	16	2	1	2	-	2	-	-	-	-	-	1	-	22
ewington	-	-	16792	13	13	2	2	1	1	-	-	-	-	-	-	-	-	-	-	-
Southwark	H	-	4373	2	20	1	4	-	-	-	-	-	-	-	-	-	-	1	1	16
Horsleydown	W	-	10500	8	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Market	-	-	16787	10	6	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Magdalen	W	-	15709	12	16	1	10	1	1	-	-	-	-	-	-	-	-	1	1	5
Bermondsey	-	-	47933	36	32	3	10	3	1	-	-	-	-	1	-	-	-	-	-	-
the W	-	-	27096	33	15	2	5	1	-	-	-	1	-	-	-	-	-	-	-	6
oad 1st	H	-	14074	12	19	4	2	1	3	-	-	1	-	-	-	-	-	2	3	2
oad 2nd	H	-	18465	14	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Church 1st	H	-	19492	11	14	3	1	-	-	1	-	-	-	-	-	-	-	2	2	8
Church 2nd	WW	-	35833	31	28	4	7	-	-	-	-	-	-	-	-	-	-	-	-	8
ton 1st	-	-	41286	25	22	6	5	-	-	-	-	1	-	-	-	-	-	-	-	-
ton 2nd	-	-	31221	14	13	2	2	-	-	1	1	2	-	-	-	-	-	-	-	-
w	-	-	35435	32	28	6	5	7	3	1	-	-	-	1	-	-	-	-	-	8
W	-	-	12536	8	8	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
H	-	-	27347	25	11	3	2	-	-	-	-	1	-	-	-	-	-	-	-	-
Ww	-	-	54016	66	33	6	7	1	-	-	-	1	-	-	-	-	-	-	2	4
orth HL	-	-	19783	13	15	1	2	-	-	-	-	2	-	-	-	-	-	-	-	6
	-	-	9439	5	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
m	-	-	14475	13	6	1	2	-	-	-	-	1	-	-	-	-	-	-	1	-
	-	-	4041	1	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
vell WL†L†	-	-	31254	28	24	7	6	-	-	1	-	-	-	-	-	-	-	-	2	14
W	-	-	42160	46	26	11	7	-	-	-	-	2	-	-	-	-	-	-	-	-
ge Camberwell	-	-	33851	30	19	3	3	-	-	-	-	-	-	-	-	-	-	-	2	-
Deptford w	-	-	53714	43	26	6	5	5	1	-	-	-	-	-	-	-	-	-	-	4
las Deptford	-	-	6474	4	2	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
h West	-	-	21034	11	12	3	2	-	1	1	-	-	-	-	-	-	-	-	-	-
h East WH	-	-	19378	14	20	2	6	-	-	-	-	-	-	-	-	-	-	1	1	13
H	-	-	4539	2	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	16440	11	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
n Village WH	-	-	11513	9	7	1	4	-	-	-	-	-	-	-	-	-	-	1	1	4
n H	-	-	19065	16	6	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
H	-	-	9564	4	9	-	3	-	-	-	-	-	-	1	-	-	-	-	-	3
n Dockyard	-	-	17226	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n Arsenal WHH	-	-	18331	12	11	3	4	-	-	-	-	1	-	-	-	-	-	-	-	1
nd West	-	-	13027	14	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
nd East W	-	-	15232	13	5	2	-	-	-	-	-	-	-	-	-	-	-	1	1	-

Following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the
table by *w*:-

al London Sick Asylum in Tottenham-court sub-district.	London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
on City Workhouse in Islington East sub-district.	Stepney Bow sub-district.
on Infirmary	Poplar & Stepney Sick Asylum
on City Workhouse	Westminster Union Industrial School in Battersea sub-district.
on	Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack- ney, Brixton, and St. Paul Deptford sub-districts.
chapel	

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 31st March 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enume- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
						Deaths of		Deaths from											
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.				
	LONDON—OUTER RING	368,414	631,381	503	368	57	108	10	5	1	3	4	4	1	9	12	55		
29: 1	Carshalton W - - -	12228	13523	8	4	-	1	-	-	-	-	-	-	-	-	-	-		
2	Epsom (part of) * WH -	9971	9145	5	4	1	1	-	-	-	-	-	-	-	-	-	-		
36: 1	Godstone (part of) * - -	2754	900	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
37: 1	Croydon WWH - - -	20851	71319	50	29	6	6	-	1	-	-	1	2	-	-	-	5		
2	Mitcham WH - - -	11697	12534	8	2	-	-	-	-	-	-	-	-	-	-	-	-		
38: 1	Wimbledon HH - - -	3220	9087	6	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Kingston WH - - -	8549	27489	25	11	2	4	-	-	-	1	-	-	-	1	1	2		
3	Esher (part of) * - - -	6601	7353	4	-	-	-	-	-	-	-	-	-	-	-	-	-		
4	Hampton - - -	4573	10185	8	5	2	3	-	-	-	-	-	-	-	-	-	-		
39: 1	Richmond WH - - -	2271	16829	8	9	1	4	-	-	-	-	-	-	-	-	-	-		
2	Mortlake - - -	2961	9316	6	4	-	1	-	-	-	-	-	-	-	-	-	-		
40: 1	Bromley (part of) * HH -	15669	19509	22	16	5	2	-	-	-	1	1	-	1	-	-	-		
2	Chislehurst (part of) * W -	13665	10028	13	6	1	2	-	-	-	1	-	-	-	-	-	-		
41: 1	Bexley H - - -	13439	19566	8	9	1	3	-	2	-	-	-	-	-	-	-	-		
123: 1	Sunbury W - - -	11055	9860	8	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Staines W - - -	13277	10339	6	9	1	4	-	-	-	-	-	-	-	-	1	6		
124: 1	Hillingdon WH - - -	6029	9712	15	4	-	1	-	-	-	-	-	-	-	1	1	2		
2	Uxbridge - - -	6178	5329	3	4	-	3	-	-	-	-	-	-	-	1	1	-		
3	Hayes WL - - -	14587	10497	8	11	-	8	-	-	-	-	-	-	-	1	1	7		
125: 1	Isleworth W - - -	7008	19930	58	50	7	16	-	1	-	-	-	1	-	1	2	16		
2	Twickenham - - -	2477	10533	2	8	-	6	1	-	-	-	-	-	-	1	1	-		
3	Brentford HL - - -	4370	20279	9	11	1	2	-	-	-	-	-	-	-	-	1	-		
4	Chiswick - - -	1311	8508	4	4	1	-	-	-	-	-	-	-	-	-	-	-		
5	Acton WH - - -	6087	12633	14†	8†	2	2	-	-	-	-	-	-	-	-	-	-		
126: 1	Harrow H - - -	13809	10869	7	4	1	3	-	-	-	-	-	-	-	-	-	-		
2	Edgware - - -	6994	3450	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
3	Willesden - - -	4383	15869	14	13	1	2	1	-	-	-	-	1	-	-	-	-		
4	Hendon WH - - -	8382	6972	7	1	-	1	-	-	-	-	-	-	-	-	-	-		
127: 1	South Mimms - - -	15419	5924	-	1	-	1	-	-	-	-	-	-	-	-	-	-		
2	Barnet W - - -	5423	7752	6	4	1	2	-	-	-	-	-	-	-	-	1	2		
3	Finchley L - - -	4688	11493	10	9	1	1	-	-	-	-	-	-	-	-	-	6		
128: 1	Hornsey H - - -	3039	19357	16	12	3	3	-	-	-	-	-	-	-	-	-	-		
2	Tottenham H - - -	4642	22869	24	14	2	5	-	-	-	-	-	-	-	1	1	2		
3	Edmonton WW - - -	7483	13860	5	11	2	5	-	-	-	-	1	-	-	1	-	8		
4	Enfield WH - - -	12653	16054	4	2	-	-	-	-	-	-	-	-	-	-	-	-		
5	Waltham Abbey - - -	11017	5197	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
6	Cheshunt - - -	8493	7518	5	2	1	1	-	-	-	-	-	-	-	-	-	-		
124: 1	Hatfield (part of) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
136: 1	Bushey - - -	9028	6472	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
185: 1	Stratford - - -	882	23286	25	20	4	4	3	-	-	-	1	-	-	-	-	-		
2	West Ham WWWW - -	7345	44642	43	39	8	4	5	-	1	-	-	-	-	1	1	-		
3	Leyton WW - - -	4274	15513	11	10	1	4	-	-	-	-	-	-	-	-	-	-		
4	Walthamstow H - -	6619	15701	10	6	-	-	-	1	-	-	-	-	-	-	-	-		
186: 1	Chigwell (part of) * H -	10483	8169	3	3	1	-	-	-	-	-	-	-	-	-	-	-		
188: 1	Romford (part of) * - -	6730	2879	4	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Ilford - - -	8492	5947	-	4	-	3	-	-	-	-	-	-	-	-	-	-		
3	Barking Town - - -	4128	6576	5	3	-	-	-	-	-	-	-	-	-	-	-	-		

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 9031); 134: 1, only the parish of Northaw in Hatfield sub-district; 186: 1, the whole of the Chigwell sub-district, except the parish of Thoidon-Ba (pop. 798); 188: 1, only the parish of Dagenham in Romford sub-district.
† The usual return not having been received from the sub-district of Acton, averages of the numbers in recent weeks have been inserted, in order to make up a total for the Outer Ring.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 31st March 1877.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from									Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.		
WATER LONDON	446,494	4,367,547	28·9	3·2	2420	477	605	96	58	28	11	52	18	8	69	422	
INNER LONDON -	78,080	3,533,484	30·3	3·6	2052	420	497	86	53	27	8	48	14	7	60	367	
OUTER RING -	368,414	834,063	23·0	1·8	368	57	108	10	5	1	3	4	4	1	9	55	

NOTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 28 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	February 24	-	201	24·4	Fever 60; cholera 10.
BOMBAY - -	644,405	" 20	-	586	47·3	Small-pox 35; cholera 19.
MADRAS - -	397,552	" 16	-	1027	134·3	Small-pox 206; cholera 261.
PARIS - - -	1,851,792	March 29	-	1135	31·9	Typhoid fever 18; small-pox 7.
GENEVA* - -	67,829	" 24	29	19	14·6	—
BRUSSELS - -	188,609	" 24	104	105	29·3	Small-pox 2; typhoid fever 2.
AMSTERDAM -	289,981	" 24	226	167	29·3	Measles 7.
ROTTERDAM -	136,231	" 24	103	83	31·6	Whooping-cough 3.
THE HAGUE -	104,095	" 24	70	46	30·0	—
COPENHAGEN -	215,000	" 20	180	101	24·5	—
STOCKHOLM -	144,305	" 17	-	92	33·2	Scarlet fever 10.
CHRISTIANIA -	79,000	" 24	63	31	20·4	—
BERLIN - - -	997,269	" 10	867	492	25·7	Scarlet fever 12; diphtheria 16.
HAMBURG(State)	393,538	" 17	326	208	27·6	Measles 5.
DRESDEN - -	202,295	" 17	-	82	21·1	—
BRESLAU - -	246,813	" 24	214	159	33·5	—
MUNICH - - -	209,000	" 24	191	133	33·0	Diphtheria and croup 4.
VIENNA - - -	714,548	" 24	558	423	30·8	Small-pox 23; diphtheria 22.
BUDA-PESTH -	315,401	" 17	264	263	43·5	Whooping - cough 9; typhus 10.
ROME - - - -	262,428	" 10	166	143	27·3	Small-pox 3; diphtheria and croup 16.
NAPLES - - -	454,948	" 11	-	385	44·1	Diphtheria 9.
TURIN - - - -	223,488	" 17	122	125	29·1	Diphtheria and croup 8; small-pox 4.
VENICE - - -	139,796	" 17	88	84	31·2	Diphtheria and croup 5.
ALEXANDRIA -	212,034	" 17	202	197	48·5	Small-pox 2; diphtheria 4.
NEW YORK - -	1,077,228	" 3	-	557	26·9	Scarlet fever 22; diphtheria 21.
BROOKLYN - -	527,830	" 10	-	214	21·1	Diphtheria 19.
PHILADELPHIA -	850,856	" 10	-	331	20·3	Small-pox 15; typhoid fever 8; scarlet fever 7.
BOSTON - - -	352,000	" 10	-	119	17·0	Scarlet fever 4; diphtheria 4.

* With suburbs, including Genf, Plain-jalais, and Eaux-Vives.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 31st MARCH, 1877.
[Under the Superintendence of the Astronomer Royal.]

1877. MONTH AND DAY.	MOON. Phase of Moon.	READINGS OF THERMOMETERS.										DIFFERENCE				Degree of Hu- midity, complete Saturation being repre- sented by 100.	WIND.				RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.				
		Baro- meter.			Dry			Dew Point.	Highest in the sun, as shown by a self-reg- istering Thermo- meter with bulb in vacuo, placed on the grass.	Lowest on the grass, as shown by a self-reg- istering Thermo- meter.	In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between Dew Point Temperature and Air Temperature.		General Direction.		As deduced from Anemometers.		Amount of Horizontal Movement of Air each day.	Depart- ure from Average of 16 years.					
		Mean daily reading (cor- rected and re- duced to 32 Fahr. height).	High- est.	Low- est.	Range in day.	Mean daily value.	Mean daily value.				Mean daily value.	Least est.	Great- est.	A. M.			P. M.	Great- est.				Least.	Mean of 24 Hrs.		
																								Osler's.	
												Degree of Hu- midity, complete Saturation being repre- sented by 100.				As deduced from Anemometers.				Amount of Horizontal Movement of Air each day.				Depart- ure from Average of 16 years.	
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DATE. MARCH.	Electricity.	Registered Sunshine, in hours.		Sun above Horizon, in hours.		SKY AND ATMOSPHERE.	
		5.9	12.4	5.9	12.4	Rain fell heavily in the early morning hours, fine and partially cloudy during the day; slight rain at night.	
SUNDAY	25	5.9	12.4	5.9	12.4	Overcast generally. Rain fell occasionally.	
MONDAY	26	0.6	12.5	0.6	12.5	Fine but cloudy till afternoon; occasional rain in afternoon and evening; fine at night.	
TUESDAY	27	3.8	12.6	3.8	12.6	A shower of rain fell in the early morning hours; fine but generally cloudy during the day.	
WEDNESDAY	28	4.6	12.6	4.6	12.6	Overcast with heavy rain in morning; fine and partially cloudy till afternoon. Solar halo seen at 1h. P.M. Heavy showers of rain in afternoon and evening.	
THURSDAY	29	3.4	12.7	3.4	12.7	Generally overcast till afternoon; fine and partially cloudy till evening; cloudless at night.	
FRIDAY	30	1.1	12.8	1.1	12.8	Very fine and bright in the morning, and little cloud prevailed; generally overcast after noon.	
SATURDAY	31	5.4	12.8	5.4	12.8	Very fine and bright in the morning, and little cloud prevailed; generally overcast after noon.	
..	..	..	..	..	..	The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See <i>Phil. Trans.</i> , part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873. *In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and — "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight. The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police. The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day. The reading of the barometer decreased from 28.87 in. at the beginning of the week to 28.78 in. by 9h. A.M. on the 25th; increased to 29.95 in. by 9h. A.M. on the 31st; and decreased to 29.88 in. by the end of the week.	
No. of Col.	28	29	30	31	32	The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See <i>Phil. Trans.</i> , part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873. *In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and — "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight. The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police. The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day. The reading of the barometer decreased from 28.87 in. at the beginning of the week to 28.78 in. by 9h. A.M. on the 25th; increased to 29.95 in. by 9h. A.M. on the 31st; and decreased to 29.88 in. by the end of the week.	

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS
OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 14. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, APRIL 7. [Price 1½d.

*General Register Office, Somerset House,
9th April, 1877.*

UNITED KINGDOM.

DURING last week 5894 *births* and 4400 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 1494. The mortality from all causes was at the average rate of 28 deaths annually in every 1000 persons living. The annual death-rate was 27 per 1000 in Edinburgh, 29 in Glasgow, and 32 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Leicester 13, Brighton 17, Portsmouth 17, Norwich 19, Bristol 22, Wolverhampton 23, Bradford 26, Hull 26, Salford 27, Leeds 27, Sunderland 27, Liverpool 28, London 28, Plymouth 29, Sheffield 31, Manchester 32, Birmingham 32, Newcastle-on-Tyne 32, Nottingham 37, and Oldham 40. The annual death-rate from the seven principal zymotic diseases averaged 3·5 per 1000 in the twenty towns, and ranged from 0·0 and 0·4 in Brighton and Leicester to 4·8 both in Birmingham and Salford. Whooping-cough was fatally prevalent in Bristol, measles in Birmingham, and fever in Sheffield. The fatal cases of small-pox in the twenty towns, which had been 87 and 93 in the two preceding weeks, were 85 last week, of which 78 occurred in London, and 7 in Liverpool.

LONDON.

In LONDON 2525 BIRTHS and 1922 DEATHS were registered. Allowing for increase of population, the births exceeded by 13, and the deaths by so many as 296, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which had been equal to 26·6 and 30·3 per 1000 in the two preceding weeks, declined to 28·4 last week.

The 1922 deaths included 78 from small-pox, 50 from measles, 16 from scarlet fever, 4 from diphtheria, 69 from whooping-cough, 27 from different forms of fever, and 9 from diarrhoea; thus to the seven principal diseases of the zymotic class 253 deaths were referred, against 201 and 243 in the two preceding weeks. These 253 deaths exceeded by 14 the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 3·7 per 1000. The 50 fatal cases of measles, three less than the number returned in the previous week, exceeded the corrected average by 12; 20 occurred in South London, including 9 in Southwark and 8 in Lambeth. Eight of the 16 deaths from scarlet fever were returned in the South group of Districts. The 69 fatal cases of whooping-cough showed a considerable increase upon the numbers in recent weeks, the mortality from the disease being, proportionately, largest in North London, where 10 deaths were referred to the disease in Islington, 8 in Pancras, and 5 in Marylebone. The 27 deaths from fever, although exceeding the numbers in recent weeks, were 7 below the corrected average; 3 were certified as typhus, 19 as enteric or typhoid, and 5 as simple continued fever. The three fatal cases of typhus belonged to Pancras, Bermondsey, and Rotherhithe; 2 of enteric fever occurred in Kensington, 4 in Shoreditch, and 3 in Lambeth. Two deaths were referred to puerperal fever in Mile End Old Town.

The deaths from small-pox, which had been 76 and 86 in the two previous weeks, were 78 last week, of which 37 were certified as unvaccinated, 15 as vaccinated, and 26 were "not stated" as to vaccination. The 78 included 44 which were recorded in the Metropolitan Asylum Hospitals, and 6 in the Highgate Small-pox Hospital; the remaining 28 fatal cases occurred in private dwellings. Excluding one case admitted from Harrow, and distributing the 49 other hospital cases, it

appears that 16 of the deceased small-pox patients had resided in Southwark, 6 in Pancras, 6 in Bow and Poplar, 5 in Islington, 4 in Bethnal Green, and 4 in St. George's, Hanover-square; in all, 11 belonged to the West, 17 to the North, 6 to the Central, 16 to the East, and 27 to the South groups of districts. The fatal cases showed a decline in North and East London, whereas they had increased in West and South London.

The Metropolitan Asylum District Hospitals contained 956 small-pox patients on Saturday last, including 35 convalescents at Limehouse, against 938 and 988 at the end of the two preceding weeks. The number of new cases admitted during the week were 209, against 228 in the previous week.

The deaths referred to diseases of the respiratory organs, which in the six preceding weeks had steadily increased from 303 to 645, declined to 554 last week, but exceeded the corrected weekly average by 172; 366 resulted from bronchitis and 131 from pneumonia.

Different forms of violence caused 54 deaths; 45 were the result of negligence or accident, including 12 from fractures and contusions, 3 from burns and scalds, 10 from drowning, and 14 of infants under one year of age from suffocation. Two deaths were caused by horses or vehicles in the streets.

In the large Public Institutions 332 deaths were recorded, or 17 per cent. of the total deaths; of these, 222 occurred in Workhouse Establishments, 102 in Hospitals, and 8 in Lunatic Asylums.

GREATER LONDON.

In Greater London 3103 births and 2236 deaths were registered, equal to annual rates of 37·1 and 26·7 per 1000 of the population. The fatal cases of small-pox in the Outer Ring, which had been 7 and 10 in the two preceding weeks, were 11 last week, of which 6 occurred in Stratford and West Ham, 2 in Edmonton, and one each in Mortlake, Twickenham, and Bushey. Three fatal cases of diphtheria occurred in Carshalton, and 2 in Croydon; 2 deaths were referred to fever in Cheshunt.

Dr. Frankland reports as the result of his analysis of the waters supplied to the Metropolis during March, that taking unity to represent the average amount of organic impurity in a given volume of the Kent Company's water during the last nine years, the proportional amount in an equal quantity of water supplied by each of the Metropolitan Companies, by the Tottenham Local Board, and by the Colne Valley Company was:—Tottenham 0·4, Kent 1·1, Colne Valley 1·3, Lambeth 3·8, New River 3·8, Grand Junction 4·1, West Middlesex 4·2, Southwark 4·2, East London 4·2, and Chelsea 4·5. The Thames and Lea having been again in flood, the water furnished by all the Metropolitan Companies drawing their supply from these rivers was polluted with organic matter, although not to so great an extent as in December and January last. The Southwark and Vauxhall Company delivered water which was slightly turbid, and contained "moving organisms and coloured fibres." All the other Companies supplied efficiently filtered water. The water supplied to the Metropolis by the Kent Company, and to the Outer Circle by the Colne Valley Company and by the Tottenham Local Board, derived from deep artesian wells, was of the usual bright and palatable quality. The Kent and Tottenham water was, however, excessively hard, whereas that supplied by the Colne Valley Company was softened by Clark's process previous to delivery, by which its hardness was reduced to one fifth of its original amount, and the proportion of total solid matters to less than a third.

Dr. Hill, the Medical Officer of Health for Birmingham, reports that the water supplied to that town, although slightly turbid, showed a marked diminution in the amount of organic matter. The water supplied to Glasgow from Loch Katrine is reported by Dr. Mills, of the Andersonian University, to have been of a pale brown colour, and to have contained "abundance of fine muddy particles, with some fibres and hairs;" it was also harder than on any previous occasion.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 26, Bombay 42, Madras 132; Paris 33; Geneva 32; Brussels 24; Amsterdam 32, Rotterdam 31, The Hague 25; Copenhagen 24; Stockholm 31; Christiania 17; Berlin 25; Breslau 26, Munich 29; Vienna 28, Buda-Pesth 45; Rome 36, Naples 40, Turin 27, Venice 27; Alexandria 50; New York 25, Brooklyn 21, Philadelphia 19, and Boston 22.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·38 in. ; the lowest reading was 28·82 in. on Wednesday afternoon, and the highest 29·50 in. on Saturday morning. The mean temperature of the *air* was 47°·8, and 3°·1 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean exceeded the average on each day of the week, and on Wednesday was equal to 51°·1, which showed an excess of 6°·3. The lowest night temperature was 38°·2 on Saturday, and the highest day temperature in the shade 66°·0 on Wednesday; the extreme range in the week was, therefore, 27°·8. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 114°·8 on Saturday. The difference between the mean *dew-point* and *air* temperature averaged 5°·3. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 49°·4. The mean degree of *humidity* of the air was 82, complete saturation being represented by 100. The direction of the *wind* was variable, and the horizontal movement of the air averaged 13·6 miles per hour, which was 1·1 above the average in the corresponding week of 16 years. *Rain* fell on every day during the week, to an aggregate amount of 0·85 of an inch. The duration of registered sunshine in the week was 20·4 hours, out of 91·7 hours during which the sun was above the horizon.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames was 388,725 cubic metres at Crossness, and 436,289 cubic metres at Barking, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of MARCH 1877; according to their returns 111,349,135 gallons or 505,910 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 210 gallons (95·4 decalitres) rather less than a *ton* by weight, to each house, and 29·5 gallons (13·4 decalitres) to each person, against 29·7 gallons in March 1876.

COMPANIES.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for do- mestic consumption) during the Month of	
	MARCH 1876.	MARCH 1877.	MARCH 1876.	MARCH 1877.
TOTAL SUPPLY . . .	524,228	531,114	110,440,676	111,349,135
From Thames	246,396	248,645	57,420,088	56,524,124
From Lea and from other Sources . . .	277,832	282,469	53,020,588	54,825,011
THAMES.				
Chelsea	28,600	28,737	7,082,600	7,189,300
West Middlesex	47,709	48,962	9,255,853	9,503,913
Southwark and Vauxhall	80,369	77,880	18,650,000	17,200,000
Grand Junction	36,036	37,055	10,143,935	10,569,811
Lambeth	53,682	56,011	12,287,700	12,061,100
LEA AND OTHER SOURCES.				
New River	123,992	125,070	24,699,000	24,564,000
East London	109,375	111,967	21,886,000	23,712,500
Kent	44,465	45,432	6,435,588	6,548,511

Note.—The Return for March 1877, as compared with that for the corresponding month of 1876, shows an increase of 6,886 houses, and of 908,459 gallons of water supplied daily.

ANALYSIS OF METROPOLITAN WATER SUPPLY DURING MARCH.

Royal College of Chemistry, South Kensington Museum,
6th April 1877.

SIR,

I HAVE to report to you in the following Table the results of the chemical analysis of the waters supplied to the inner and portions of the outer circle of the Metropolis during the month of March.

I append also the results obtained in the analyses of the water supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the last nine years as unity, the proportional amount in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health was :—Tottenham 0·4, Kent 1·1, Colne Valley 1·3, Lambeth 3·8, New River 3·8, Grand Junction 4·1, West Middlesex 4·2, Southwark 4·2, East London 4·2, and Chelsea 4·5.

The Thames and Lea have again been in flood, and the water supplied from these rivers by the Chelsea, West Middlesex, Southwark, Grand Junction, Lambeth, New River, and East London Companies was consequently polluted with organic matter, although not to so great an extent as in December and January last. All these Companies delivered efficiently filtered water except the Southwark, which sent out slightly turbid water containing moving organisms and coloured fibres.

The water supplied from artesian wells to the inner circle by the Kent Company, and to the outer circle by the Colne Valley Company and the Tottenham Local Board of Health was wholesome, bright, and palatable, and of most excellent quality for dietetic purposes.

The water delivered by the Kent Company, and by the Tottenham Local Board was hard, and therefore unsuitable for washing, but that supplied by the Colne Valley Company was softened by Clark's process before delivery, whereby its hardness was reduced to less than one-fifth of the original amount, and the total solid matters from 38 to 12 parts in 100,000 parts of water.

Seen through a stratum two feet deep, the Kent, Colne Valley, and Tottenham waters were clear and colourless. The remaining samples presented the following appearances :—Chelsea, West Middlesex, Grand Junction, and Lambeth, clear and very slightly green ; Southwark, turbid and brownish green ; New River and East London, clear and very slightly yellow.

Dr. Hill, the Medical Officer of Health for Birmingham, reports that the water supplied to that town was "slightly turbid" but showed "a marked diminution in the amount of organic matter."

Dr. Mills, F.R.S., Professor of Technical Chemistry in the Andersonian University, Glasgow, reports that the water supplied to that city from Loch Katrine was of a "very pale brown colour," and contained abundance of fine muddy particles with some fibres and hairs." The hardness was "the highest yet recorded" of this water (1°·4).

I am, &c.

E. FRANKLAND.

The Registrar General, &c. &c.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

COMPANIES OR LOCAL AUTHORITIES.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Mat- ters.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Ni- trates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES :	°								
	Chelsea - - - { 15th March, Cab Rank, Horse Guards. }	6·5	30·20	·241	·023	0	·319	·342	1·55	20·3
	West Middlesex - { 15th March, Cab Rank, Portland-road. }	6·7	29·86	·231	·018	0	·312	·330	1·58	19·7
	Southwark and Vauxhall - - { 15th March, Cab Rank, St. George's Church, Borough. }	6·7	31·00	·219	·027	0	·311	·338	1·55	20·0
	Grand Junction - { 15th March, Lancaster-gate, Hyde Prk. }	6·3	31·16	·215	·025	0	·280	·305	1·55	20·3
	Lambeth - - - { 15th March, Cab Rank, Westminster Bridge-road. }	6·7	32·50	·208	·019	0	·361	·380	1·70	20·9
	OTHER SOURCES :									
	New River - - { 15th March, Cab Rank, Tottenham-court-road. }	5·7	30·12	·209	·018	0	·322	·340	1·55	20·9
Outer Circle.	East London - { 15th March, Royal Hotel, Mile-End-rd. }	5·5	31·80	·228	·018	0	·287	·305	1·70	21·8
	Kent - - - { 16th March, Deptford Bridge Police Station. }	12·5	38·90	·055	·007	0	·358	·365	2·35	24·8
	Colne Valley - - { 8th March, Reservoir, Waterworks, Bushey. }	7·2	12·30	·053	·021	·009	·366	·394	1·38	4·7
	Tottenham Board of Health - - - { 12th March, High Street, Tottenham. }	-	45·80	·020	·006	·005	·443	·453	3·20	23·9
Corporation of Birmingham* - - - { 9th March, 26 Court, Sherlock-street. }		6·6	28·60	·231	·069	·002	·143	·213	1·40	20·0
Corporation of Glasgow † - { 14th March, Loch Katrine service. }		4·9	2·20	·164	·005	·003	·004	·011	·69	1·4
Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the Borough.

† Analysed by Dr. E. J. Mills, F.R.S., of the Andersonian University, Glasgow.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11 all relate to 100,000 parts of the waters. The Table is to be read thus : the Chelsea Company's water, collected on the 15th of March at the Horse Guards cab-rank, had a temperature of 6°·5 C. ; 100,000 lbs. of it contained 30·20 lbs. of solid impurity ; the organic matter, constituting a portion of this impurity, contained ·241 lb. of carbon and ·023 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·319 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·342 lb. The above weight of water also contained 1·55 lb. of chlorine. Finally, 100,000 lbs. of the water contained 20·3 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the United Kingdom, during the Week ending Saturday, the 7th day of April 1877.

CITIES AND BOROUGHES. Principal Boundaries, except for LONDON and DUBLIN.)	Area in Acres. exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 7th April 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERA- TURE OF THE AIR. (CENTI- GRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centi- metres.
23 TOWNS in the } UNITED KINGDOM }	212,881	8,144,940	38·3	5894	4400	66·0	29·0	46·3	7·95	0·91	2·31
LONDON - - -	75,362	3,533,484	46·9	2525	1922	66·0	38·2	52·1	11·17	0·85	2·16
NOTTINGHAM - -	2,354	102,264	43·4	46	33	59·0	41·3	48·6	9·23	0·55	1·40
SMITH - - -	4,486	127,144	28·3	85	42	58·6	41·5	47·7	8·72	0·78	1·98
WICH - - -	7,472	84,023	11·2	57	30	63·5	37·0	47·3	8·50	0·47	1·19
MOUTH - - -	1,395	72,911	52·3	37	40	58·5	40·0	47·8	8·78	1·14	2·90
TOL - - -	4,452	202,950	45·6	147	85	57·2	38·2	46·9	8·28	1·30	3·30
VERHAMPTON -	3,396	73,389	21·6	52	32	56·3	34·1	44·1	6·73	1·09	1·77
INGHAM - - -	8,400	377,436	44·9	328	232	58·0	38·0	46·1	7·84	1·21	3·07
ESTER - - -	3,200	117,461	36·7	96	30	59·8	38·2	47·4	8·55	1·05	2·67
INGHAM - - -	1,996	95,025	47·6	73	67	59·0	34·8	46·1	7·84	0·58	1·47
RPOOL - - -	5,210	527,083	101·2	367	281	54·2	37·3	45·1	7·28	1·20	2·05
CHESTER - - -	4,293	359,213	83·7	287	218	-	-	-	-	-	-
ORD - - -	5,170	141,184	27·3	142	73	58·4	34·6	44·6	7·01	0·80	2·03
HAM - - -	4,666	89,796	19·2	85	68	-	-	-	-	-	-
DFORD - - -	7,220	179,315	24·8	139	90	54·4	35·6	44·4	6·89	0·75	1·90
OS - - -	21,572	298,189	13·8	259	156	57·0	35·0	45·2	7·33	0·79	2·01
FIELD - - -	19,651	282,130	14·4	216	169	56·0	37·0	45·1	7·28	0·96	2·44
L - - -	3,635	140,002	38·5	83	71	59·0	32·0	46·1	7·84	0·87	2·21
DERLAND - - -	3,306	110,382	33·4	82	58	61·0	36·0	46·0	7·78	0·89	2·26
CASTLE-ON-TYNE	5,371	142,231	26·5	122	88	-	-	-	-	-	-
BURGH - - -	4,191	218,729	52·2	152	113	57·8	31·0	44·3	6·84	0·99	2·51
SGOW - - -	6,033	555,933	92·1	367	311	-	-	-	-	-	-
LIN - - -	10,050	314,666	31·3	147	191	59·6	29·0	45·1	7·28	0·94	2·39

For names of the Meteorological Observers in the several towns, see note at foot of Table 4.
The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by the addition of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,055,612 persons, and in DUBLIN, during the Week ending Saturday the 7th day of April 1877.

BOROUGHES, &c. Principal Boundaries, except for LONDON and DUBLIN.)			ANNUAL RATE OF MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhea.	Violence.		
120 TOWNS	28·0	3·5	3785	792	885	85	79	61	8	134	73	34	117	221	528		
LONDON	28·4	3·7	1922	380	480	78	50	16	4	69	27	9	54	109	332		
NOTTINGHAM	16·8	0·0	33	6	7	-	-	-	-	-	-	-	1	1	7		
SMITHS	17·2	1·6	42	7	13	-	-	2	-	1	-	1	1	4	3		
WICH	18·6	1·2	30	7	9	-	1	-	-	-	1	-	-	1	5		
MOUTH	23·6	0·7	40	3	12	-	-	-	-	-	1	-	-	-	2		
TOL	21·9	4·1	85	16	19	-	-	-	-	9	6	1	2	1	9		
VERHAMPTON	22·7	4·3	32	3	9	-	-	5	-	-	1	-	1	2	7		
INGHAM	32·1	4·8	232	56	52	-	14	8	-	4	3	6	15	20	24		
ESTER	13·3	0·4	30	6	10	-	-	1	-	-	-	-	-	3	4		
INGHAM	36·8	2·2	67	13	22	-	-	1	-	1	1	1	3	9	8		
ERPOOL	27·8	3·9	281	73	45	7	1	3	2	20	5	1	11	14	39		
CHESTER	31·7	3·3	218	44	43	-	3	3	-	12	3	2	4	18	27		
ORD	27·0	4·8	73	11	15	-	5	2	-	4	1	1	2	5	5		
HAM	39·5	1·7	68	14	11	-	-	1	-	2	-	-	-	-	1		
DFORD	26·2	1·8	90	21	23	-	-	1	2	1	-	2	3	4	9		
DS	27·3	3·2	156	40	34	-	1	8	-	1	5	3	7	14	23		
FIELD	31·3	4·4	169	38	41	-	-	2	-	6	12	4	1	1	9		
L	26·5	2·6	71	19	18	-	1	1	-	2	2	1	4	5	3		
DERLAND	27·4	3·8	58	8	9	-	-	4	-	-	3	1	3	4	5		
CASTLE-ON-TYNE	32·3	4·0	88	27	13	-	3	3	-	2	2	1	5	6	6		
LIN	31·7	2·8	191	31	57	1	5	1	-	1	4	5	2	2	65		

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the FOURTEENTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2340	2375	2225	2358	2100	2359	2368	2420	2367	2566	2347·8	2525
Males . .	1158	1192	1133	1207	1095	1193	1216	1227	1222	1320	1196·3	1279
Females .	1182	1183	1092	1151	1005	1166	1152	1193	1145	1246	1151·5	1246
TOTAL Deaths	1453	1346	1550	1631	1493	1559	1438	1387	1759	1581	1519·7	1922
Males . .	752	658	829	859	760	801	770	752	910	843	793·4	944
Females .	701	688	721	772	733	758	668	635	849	738	726·3	978

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867-76 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Jan. 13.	Jan. 20.	Jan. 27.	Feb. 3.	Feb. 10.	Feb. 17.	Feb. 24.	Mar. 3.	Mar. 10.	Mar. 17.	Mar. 24.	Mar. 31.	Apr. 7.
TOTAL Deaths - - -	1358	1491	1425	1528	1504	1462	1495	1529	1782	1800	1802	2052	1922
0—20 - - -	565	693	636	673	648	653	675	700	810	850	766	898	877
20—40 - - -	218	244	226	214	215	234	206	232	269	247	270	277	242
40—60 - - -	261	258	254	292	262	248	289	258	326	277	301	380	323
60—80 - - -	265	217	251	289	317	263	289	313	338	382	417	391	391
at 80 years & upwds.	49	79	58	60	62	64	62	48	64	88	83	80	89
Deaths of { Under 1 year -	263	367	331	337	317	334	323	334	372	392	385	420	380
children { 1—5 - - -	202	219	209	241	212	215	259	246	306	331	269	361	372
{ 5—20 - - -	100	107	96	95	119	104	93	122	132	127	112	117	125
Deaths from 7 principal Zymo- totic Diseases }	214	210	204	231	207	187	208	212	213	231	201	243	253
" " Smallpox - - -	100	79	86	103	90	72	104	84	96	100	76	86	78
" " Measles - - -	24	17	22	22	21	18	14	23	33	44	32	53	50
" " Scarlet Fever - -	23	42	21	23	14	19	16	23	17	15	17	27	16
" " Diphtheria - - -	4	5	3	4	7	6	5	4	4	5	3	8	4
" " Whooping-cough -	25	31	40	41	44	38	38	40	28	36	37	48	69
" " Typhus fever - - -	3	5	4	5	2	7	2	1	2	1	4	1	3
" " Enteric (or Ty- phoid) fever - - -	17	10	14	14	11	9	11	13	20	15	18	10	19
" " Simple Cont ^d fever -	2	3	3	1	7	2	4	2	3	5	3	3	5
" " Diarrhœa - - -	16	18	11	18	11	16	14	22	10	10	11	7	9
" " Simple Cholera - -	-	-	-	-	-	-	-	-	-	-	-	-	1
" " Dis. of Respira- tory Organs - }	291	290	304	375	381	355	303	355	452	498	575	645	554
" " Phthisis - - -	139	166	147	156	173	166	168	169	226	189	201	224	208
" " Heart Diseases - -	75	81	96	95	101	96	84	95	102	102	103	114	111
Violent Deaths - - -	51	55	52	45	51	45	54	46	59	52	51	60	54
Inquest Cases - - -	96	101	91	95	111	83	120	90	114	106	94	130	109
Deaths in Public Institutions	297	316	283	319	317	275	329	311	387	349	350	367	332
TEMPERATURE OF THE AIR:													
Mean - - - - -	41·5	45·5	39·0	43·0	46·3	46·4	40·4	39·1	36·9	41·7	37·7	46·4	47·8
Mean of Highest readings -	46·2	49·8	46·8	48·7	52·2	51·8	45·8	46·6	42·7	49·0	47·3	55·1	57·5
Mean of Lowest readings -	37·4	39·7	30·7	36·7	40·5	42·2	35·7	33·2	32·9	34·8	30·1	40·2	41·7
Mean Temperature of the Water of the Thames - }	44·6	42·7	43·2	41·0	44·1	47·5	44·4	41·3	41·8	41·0	42·7	44·9	49·4
Humidity of the Air - - -	90	90	87	84	85	82	79	75	80	73	81	82	82
Rain-fall in inches - - -	1·96	0·39	0·40	0·42	0·06	0·78	0·68	0·31	0·47	0·07	0·56	0·91	0·85
Registered Sunshine (in hours)	1·3	0 8	11·2	5·3	2·3	9·3	9·8	17·0	17·4	26·5	26·7	24·8	20·4

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FOURTEENTH Week of the Year 1877.

OF DEATH.	Average in the Fourteenth Weeks of the 10 years 1867-76.	In the Week ending Saturday, April 7, 1877.								CAUSES OF DEATH.	Average in the Fourteenth Weeks of the 10 years 1867-76.	In the Week ending Saturday, April 7, 1877.							
		Deaths of Persons of the Ages										Deaths of Persons of the Ages							
		ALL AGES.	Under 20.			40 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.			ALL AGES.	Under 20.			40 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
			Mean Tem.	0-1.	1-5.								5-20.	Mean Tem.	0-1.					1-5.	5-20.
Temperature -	46.4	47.8							Mean Temperature	46.4	47.8								
USES -	1519.7	1922	380	372	125	242	323	391	89	9. Stricture of Intestines	1.0	-	-	-	-	-	-		
ED CAUSES	1513.1	1920	379	372	125	241	323	391	89	10. Fistula -	.6	1	-	-	-	1	-		
IC DISEASES.										11. Stomach Disease, &c. -	6.6	7	3	-	1	-	2		
ORDER 1.										12. Pancreas Disease, &c. -	-	-	-	-	-	-	-		
POX -	35.2	78	8	6	22	31	9	2	-	13. Hepatitis -	3.4	1	-	-	-	1	-		
as -	35.2	50	8	37	4	1	-	-	-	14. Jaundice -	3.9	4	3	-	-	-	-		
Febrile	28.3	16	-	10	5	1	-	-	-	15. Liver Disease, &c. -	16.4	25	-	1	6	7	11		
eria -	6.3	4	2	1	-	1	-	-	-	16. Spleen Disease, &c. -	.1	-	-	-	-	-	-		
y -	1.2	2	-	2	-	-	-	-	-	ORDER 5.									
ping-cough	14.3	13	3	9	1	-	-	-	-	1. Nephritis -	1.9	3	-	1	-	-	1		
or Typhoid Fev.	31.4	19	-	-	9	7	1	2	-	2. Ischuria -	.3	-	-	-	-	-	-		
e continued Fev.	7.5	5	-	2	2	-	-	1	-	3. Bright's Dis. (Nephria)	12.4	17	-	1	6	8	2		
elas -	4.8	6	4	-	1	4	-	-	-	4. Diabetes -	1.3	5	-	-	-	4	1		
eral Fev. (Metria)	.5	1	-	-	-	-	-	-	-	5. Calculus (Stone) -	1.1	-	-	-	-	-	-		
ucle -	.5	1	-	-	-	-	-	-	-	6. Cystitis -	1.0	1	-	-	-	-	1		
aza -	.8	9	4	2	1	-	-	1	-	7. Kidney Disease, &c. -	8.5	8	-	1	2	2	3		
tery -	14.8	1	1	-	-	-	-	-	-	ORDER 6.									
choera	.2	-	-	-	-	-	-	-	-	1. Ovarian Dropsy -	.4	-	-	-	-	-	-		
tent Fever	10.5	9	-	-	3	3	2	1	-	2. Uterus Disease, &c. -	4.2	7	-	-	4	2	1		
matism	.1	-	-	-	-	-	-	-	-	ORDER 7.									
Zymotic Diseases										1. Synovitis (Arthritis) -	.2	-	-	-	-	-	-		
ORDER 2.										2. Joint Disease, &c. -	6.0	9	-	1	6	-	1		
is -	6.4	7	6	1	-	-	-	-	-	ORDER 8.									
are of Urethra -	1.5	1	-	-	-	-	-	1	-	1. Phlegmon -	2.5	4	-	-	-	1	3		
lophobia	-	-	-	-	-	-	-	-	-	2. Ulcer -	1.0	2	2	-	-	-	-		
ers -	-	-	-	-	-	-	-	-	-	3. Skin Disease, &c. -	1.8	1	1	-	-	-	-		
ORDER 3.										IV. DEVELOPMENTAL DISEASES.									
ion -	.6	-	-	-	-	-	-	-	-	ORDER 1.									
of Breast-milk -	7.2	9	9	-	-	-	-	-	-	1. Premature Birth -	22.9	20	20	-	-	-	-		
ra and Scurvy -	3.2	6	2	1	-	1	1	1	-	2. Cyanosis -	2.0	2	2	-	-	-	-		
a Del. Tremens	1.8	3	-	-	-	2	1	-	-	3. Spina Bifida -	1.3	1	1	-	-	-	-		
b Intemperance	1.7	1	-	-	-	-	1	-	-	4. Other Malformations -	2.6	5	5	-	-	-	-		
ORDER 4.										5. Teething -	22.3	22	10	12	-	-	-		
h -	2.4	1	1	-	-	-	-	-	-	ORDER 2.									
as, &c.	.3	-	-	-	-	-	-	-	-	1. Paramenia -	.4	-	-	-	-	-	-		
STITUTIONAL.										2. Childbirth (see Puer- peral Fever) -	4.6	11	-	-	10	1	-		
ORDER 1.										ORDER 3.									
y -	2.7	5	-	-	-	-	2	2	1	1. Old Age -	57.6	82	-	-	-	-	44		
y -	12.4	7	-	1	-	-	1	4	1	ORDER 4.									
r -	29.8	29	-	1	-	4	17	6	1	1. Atrophy and Debility	61.7	60	40	7	-	2	11		
um Oris (Noma)	.7	-	-	-	-	-	-	-	-	V. VIOLENT DEATHS, &c.									
ication	2.5	1	-	-	-	-	-	-	1	ORDER 1.									
ORDER 2.										(ACCIDENT OR NEGLIGENCE.)									
ala -	9.8	15	2	8	3	1	-	1	-	1. Fractures & Contusions	17.0	12	2	1	1	1	4		
Mesenterica	19.0	32	12	17	2	1	-	-	-	2. Wounds { Gunshot - Cut, Stab }	.4	-	-	-	-	-	-		
is -	184.5	208	3	7	25	82	78	13	-	3. Burns and Scalds	6.3	3	-	2	-	1	-		
cephalus	29.7	42	12	28	2	-	-	-	-	4. Poison -	.9	1	-	-	-	1	-		
AL DISEASES.										5. Drowning -	6.2	10	-	-	2	6	2		
ORDER 1.										6. Suffocation -	11.3	16	14	1	-	1	-		
alitis -	22.2	25	8	13	3	1	-	-	-	7. Otherwise -	2.4	3	-	1	-	-	1		
exy -	37.5	40	3	3	1	1	9	21	2	ORDER 3.									
ysis -	31.6	40	-	1	3	3	9	16	8	(HOMICIDE.)									
ity -	2.6	5	-	-	-	3	2	-	-	1. Murder & Manslaughter	1.4	1	1	-	-	-	-		
ea -	.5	-	-	-	-	-	-	-	-	ORDER 4.									
psy -	8.8	9	-	1	1	4	2	1	-	(SUICIDE.)									
alsions	53.8	74	50	23	1	-	-	-	-	1. Wounds { Gunshot - Cut, Stab }	.5	-	-	-	-	-	-		
a Disease, &c.	17.6	28	-	3	2	2	5	13	3	2. Poison -	1.3	2	-	-	-	-	1		
ORDER 2.										3. Drowning -	.9	-	-	-	-	-	-		
arditis -	2.5	1	-	-	1	-	-	-	-	4. Hanging -	.8	2	-	-	2	-	-		
trism -	2.1	1	-	-	-	-	-	1	-	5. Otherwise -	.7	4	-	-	-	1	-		
t Disease, &c.	70.9	109	-	1	4	11	37	55	1	ORDER 5.									
ORDER 3.										(EXECUTION.)									
ngitis -	14.5	15	5	6	-	3	1	-	-	1. Hanging -	-	-	-	-	-	-	-		
chitis -	211.7	366	79	68	3	9	58	122	27	Violent Deaths (not classed)	.5	-	-	-	-	-	-		
isy -	4.4	6	-	1	-	3	1	1	-	Sudden Deaths (Cause unascertained) -	.9	-	-	-	-	-	-		
monia -	96.3	131	25	39	8	15	26	17	1	Causes not specified or ill-defined -	5.7	2	1	-	-	1	-		
na -	12.8	17	-	-	-	-	6	10	1										
a Disease, &c.	17.5	19	4	4	1	2	3	5	-										
ORDER 4.																			
ritis -	1.3	-	-	-	-	-	-	-	-										
ritis -	6.0	7	2	2	1	-	1	1	-										
onitis -	5.4	5	-	-	-	3	2	-	-										
es -	2.1	1	-	1	-	-	-	-	-										
ation of Intestines	1.5	1	-	-	-	-	1	-	-										
ia -	3.8	3	-	-	-	-	3	3	1										
usception -	1.1	1	-	-	-	-	-	-	1										

6.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.		Enu- mer- ated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include														Inquest Cases.	Deaths in Public
					Deaths of		Deaths from													
							Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.		
LONDON - - -		3,254,260	2525	1922	380	480	78	50	16	4	69	3	19	5	9	54	109			
WEST DISTRICTS - - -		561,359	370	279	47	79	4	4	1	-	6	-	3	1	1	9	23			
NORTH DISTRICTS - - -		751,729	593	483	99	130	39	6	3	1	24	-	-	1	3	9	18			
CENTRAL DISTRICTS - - -		334,369	189	196	44	40	1	11	1	-	3	-	3	1	1	5	12			
EAST DISTRICTS - - -		639,111	533	385	82	79	9	9	3	1	19	-	6	1	2	18	37			
SOUTH DISTRICTS - - -		967,692	840	579	108	152	25	20	8	2	17	3	7	1	2	13	19			
WEST DISTRICTS.																				
St. Mary Paddington WH - - -		58723	32	30	5	7	-	-	-	-	1	-	-	-	-	1	3			
St. John Paddington H - - -		38085	11	13	-	6	-	-	-	-	-	-	-	-	-	-	1			
Kensington Town W - - -		91645	80	39	9	16	-	-	-	-	1	-	2	1	-	-	1			
Brompton H - - -		28654	19	17	-	3	-	3	-	-	-	-	-	-	-	-	-			
St. Peter Hammersmith - - -		6662	1	7	4	2	-	-	-	-	-	-	-	-	-	-	1			
St. Paul Hammersmith H - - -		36029	33	24	6	4	1	1	-	-	3	-	-	-	-	4	6			
Fulham WwH - - -		23350	20	17	3	6	3	-	-	-	-	-	-	-	-	-	1			
Chelsea South HHH - - -		26420	14	15	3	4	-	-	-	-	-	-	-	-	-	1	2			
Chelsea North-west WHHHH - - -		22926	17	15	3	3	-	-	-	-	-	-	-	-	-	1	3			
Chelsea North-east - - -		21392	18	9	2	4	-	-	-	-	-	-	-	-	-	-	-			
Hanover Square H - - -		18698	12	4	1	1	-	-	-	-	-	-	-	-	-	-	-			
May Fair WW - - -		13358	7	3	-	3	-	-	-	-	-	-	-	-	-	-	-			
Belgrave HH - - -		57972	41	34	6	8	-	-	1	-	1	-	1	-	-	2	3			
St. John Westminster HH - - -		38478	26	18	2	1	-	-	-	-	-	-	-	-	-	-	-			
St. Margaret Westminster WH - - -		27781	9	14	-	8	-	-	-	-	-	-	-	-	1	-	1			
Golden Square WH - - -		12860	10	4	1	1	-	-	-	-	-	-	-	-	-	-	-			
Berwick-street H - - -		20759	11	5	2	1	-	-	-	-	-	-	-	-	-	-	-			
St. Anne Soho HHHHH - - -		17562	9	11	-	1	-	-	-	-	-	-	-	-	-	-	1			
NORTH DISTRICTS.																				
All Souls Marylebone HHHH - - -		28579	18	17	6	1	-	-	-	-	2	-	-	-	-	-	-			
Cavendish Square HH - - -		15425	4	4	2	2	-	-	-	-	1	-	-	-	-	-	-			
Rectory Marylebone WH - - -		26384	21	25	4	9	-	-	-	-	2	-	-	-	1	1	-			
St. Mary Marylebone HHH - - -		21786	24	12	3	2	-	-	-	-	-	-	-	-	-	-	-			
Christchurch Marylebone H - - -		33944	18	17	4	3	1	-	-	-	-	-	-	-	-	2	2			
St. John Marylebone H - - -		33136	26	10	1	4	-	1	1	-	-	-	-	-	-	-	-			
Hampstead WwHH - - -		32281	15	38	4	8	19	-	-	-	-	-	-	-	-	-	-			
Regent's Park Pancras H - - -		38200	26	17	4	4	-	-	-	-	1	-	-	-	-	-	2			
Tottenham-court WHHH - - -		29370	24	20	3	2	-	-	-	1	-	-	-	-	1	-	-			
Gray's Inn Lane HH - - -		29221	16	11	3	2	-	-	-	-	2	-	-	-	-	-	-			
Somers Town - - -		38533	21	23	4	8	-	1	-	-	2	-	-	-	-	3	3			
Camden Town WH - - -		17943	13	13	1	9	-	-	-	-	-	-	-	-	-	-	2			
Kentish Town w - - -		68198	55	48	12	12	2	-	-	-	3	-	-	-	-	-	2			
Islington West HHH - - -		97820	77	58	10	16	6	1	2	-	4	-	-	-	1	1	1			
Islington East WwvH - - -		115958	131	85	21	25	1	2	-	-	6	-	-	-	-	-	1			
Stoke Newington H - - -		9841	14	10	2	3	-	-	-	-	-	-	-	-	-	-	-			
Stamford Hill - - -		6598	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-			
West Hackney - - -		28049	15	11	3	3	-	1	-	-	-	-	-	-	-	-	-			
Hackney WwvHL - - -		50104	38	41	5	9	10	-	-	-	-	-	-	1	-	-	1			
South Hackney - - -		30839	31	21	7	7	-	-	-	-	1	-	-	-	-	2	4			
CENTRAL DISTRICTS.																				
St. George Bloomsbury - - -		17853	8	14	3	6	-	-	-	-	1	-	-	-	-	-	-			
St. Giles South WH - - -		19109	13	13	4	2	-	1	-	-	-	-	-	-	-	-	-			
St. Giles North - - -		16594	9	14	3	2	-	2	-	-	-	-	-	-	-	-	1			
Long Acre - - -		11379	4	6	-	4	-	-	-	-	-	-	-	-	-	-	1			
Charing Cross HH - - -		9859	8	6	1	2	-	-	-	-	-	-	-	-	-	-	-			
St. Mary-le-Strand - - -		9378	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-			
St. Clement Danes H - - -		10723	7	12	3	2	-	1	-	-	-	-	-	-	-	-	-			
St. George-the-Martyr HHHHH - - -		20521	11	10	3	3	-	-	-	-	-	-	-	-	-	-	-			
St. Andrew Eastern W - - -		13529	7	13	3	4	1	-	-	-	-	-	-	-	-	1	1			
Saffron Hill H - - -		9066	8	7	1	1	-	-	-	-	-	-	-	-	-	-	-			
St. James Clerkenwell W - - -		18917	13	7	2	1	-	1	-	-	-	-	1	1	-	-	3			
Amwell Clerkenwell - - -		16884	10	17	4	2	-	1	-	-	-	-	-	-	-	-	-			
Pentonville - - -		13337	5	8	1	3	-	1	-	-	-	-	-	-	-	1	1			
Goswell-street - - -		16242	15	11	5	1	-	-	-	-	-	-	1	-	-	-	-			
Old-street H - - -		12161	5	3	-	-	-	1	-	-	1	-	-	-	-	-	-			
City-road HHL - - -		18301	15	7	-	1	-	-	-	-	1	-	-	-	-	-	-			
Whitecross-street - - -		13792	6	8	3	2	-	2	-	-	-	-	-	-	-	1	1			
Finsbury - - -		10741	5	4	2	-	-	-	-	-	-	-	-	-	-	-	-			
St. Botolph East London H - - -		14540	14	6	1	-	-	1	-	-	-	-	-	-	-	-	-			
Cripplegate - - -		13638	9	4	1	2	-	-	-	1	-	-	-	-	-	-	-			
St. Sepulchre H - - -		7562	2	13	1	1	-	-	-	-	-	-	1	-	-	-	2			
St. Bride W - - -		11185	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-			
Castle Baynard - - -		4426	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-			
Christchurch - - -		6270	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-			
Queenhithe - - -		4753	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Allhallows Barking - - -		5764	1	2	-	1	-	-	-	-	-	-	-	-	-	1	1			
Broad-street H - - -		7845	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1			

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page.

, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
ay, 7th April 1877.

REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													Inquest Cases.	Deaths in Public Institutions.			
					Deaths of		Deaths from															
							Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhea.			Violence.		
EAST DISTRICTS.																						
Well Shoreditch	-	-	12430	9	4	1	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-
Leonard Shoreditch	HL†	-	16545	15	9	4	2	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-
St. New Town	w	-	27835	26	13	-	5	-	3	-	-	-	-	-	-	-	-	-	2	3	1	-
St. Old Town	-	-	26933	13	17	-	4	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. West	W	-	24162	24	17	9	5	-	-	-	-	-	1	-	-	-	-	-	-	-	-	3
St. East	H	-	19259	19	6	2	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Stepney-road	-	-	29822	20	12	7	1	-	-	-	-	1	1	-	-	-	-	-	1	2	-	-
St. Bethnal Green	WHL†	-	42433	33	25	5	8	-	-	-	-	-	2	-	-	-	-	-	3	5	7	-
St. Bethnal Green	-	-	26577	14	20	5	2	3	1	1	-	-	2	-	-	-	-	-	3	3	-	-
St. Bethnal Green	-	-	21272	14	17	3	2	-	2	-	-	-	1	-	1	-	-	-	1	2	-	-
St. Fields	H	-	22499	12	12	5	2	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
St. End New Town	W	-	15550	26	17	3	4	-	-	-	-	-	1	-	-	-	-	-	-	2	7	-
St. chapel North	-	-	11597	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. chapel Church	H	-	7322	4	16	-	3	-	-	-	-	-	-	-	-	-	-	-	1	1	16	-
St. man's Fields	-	-	10381	4	5	1	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-
St. te	-	-	9224	8	5	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	-	-
St. Mary St. George East	-	-	17900	18	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul St. George East	-	-	21350	8	8	2	-	1	-	1	-	-	-	-	-	1	-	-	1	1	-	-
St. John St. George East	W	-	8802	7	14	2	10	-	-	-	-	-	-	-	-	-	-	-	1	1	14	-
St. Well	-	-	11640	7	4	-	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-
St. St. H	-	-	16131	21	11	2	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
St. house W	-	-	29919	27	15	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. End Old Town Western	-	-	83123	30	18	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. End Old Town Eastern	WwvH	-	55024	53	25	5	7	-	-	-	-	-	1	-	-	-	-	1	1	3	3	-
St. wvvhHL†	-	-	67765	71	57	13	11	1	-	-	-	-	5	-	-	-	-	-	2	4	13	-
St. r WW	-	-	48611	43	28	7	4	2	1	-	-	-	2	-	1	-	-	-	2	3	1	-
SOUTH DISTRICTS.																						
St. church Southwark	WH	-	14573	11	11	-	3	-	-	1	-	-	1	-	-	-	-	-	2	2	4	-
St. viour Southwark	H	-	15677	12	9	4	1	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Broad	-	-	20421	13	10	3	-	1	-	3	-	-	-	-	-	-	-	-	-	-	-	-
St. gh-road WH	-	-	16695	15	13	2	4	-	-	1	-	-	3	-	-	-	-	-	-	-	3	-
St. n-road HL	-	-	18961	12	12	4	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. y Newington	-	-	23682	18	8	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. ater Walworth	W	-	48243	36	28	6	10	-	-	-	-	-	1	-	-	-	-	-	-	-	8	-
St. Mary Newington	-	-	16792	12	15	4	2	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-
St. ave Southwark	H	-	4373	-	12	-	1	-	-	-	-	-	-	-	-	-	-	-	1	2	10	-
St. John Horsleydown	W	-	10500	8	9	1	1	1	-	-	-	-	-	-	-	-	-	1	1	1	1	-
St. er Market	-	-	16787	10	10	1	4	-	-	1	-	-	-	-	-	-	-	-	1	1	-	-
St. ary Magdalen	W	-	15709	10	11	-	9	-	-	-	-	-	-	-	-	-	-	-	-	1	6	-
St. ames Bermondsey	-	-	47933	46	25	5	2	3	1	-	-	-	2	1	-	-	-	-	-	1	-	-
St. rithse W	-	-	27096	34	23	6	5	1	-	-	-	-	-	-	-	-	-	-	1	2	4	-
St. rloo-road 1st	H	-	14074	12	13	2	4	-	-	1	-	-	1	-	-	-	-	-	-	-	1	-
St. rloo-road 2nd	H	-	18465	15	12	2	3	-	-	2	-	-	-	-	-	-	-	-	-	-	2	-
St. eth Church 1st	H	-	19492	12	10	4	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. eth Church 2nd	WW	-	35833	32	30	5	13	-	-	1	-	1	1	-	2	-	-	-	-	1	10	-
St. ington 1st	-	-	41286	23	25	5	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. ington 2nd	-	-	31221	20	17	2	5	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-
St. on w	-	-	35435	38	46	6	13	10	3	2	1	-	-	2	3	-	-	-	-	-	16	-
St. ood W	-	-	12536	10	8	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. am H	-	-	27347	13	14	3	3	-	-	2	-	-	-	-	-	-	-	-	-	1	-	-
St. arsea Ww	-	-	54016	79	40	12	7	-	-	-	2	-	3	-	-	-	-	1	1	2	5	-
St. isworth HL	-	-	19783	25	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. ey	-	-	9439	14	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. tham	-	-	14475	11	6	1	2	-	-	-	-	-	1	-	-	-	-	-	2	1	-	-
St. ich	-	-	4041	2	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. perwell WL†L†	-	-	31254	33	21	2	9	-	-	1	-	-	-	-	-	-	-	-	-	-	10	-
St. am W	-	-	42160	43	21	5	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. eorge Camberwell	-	-	33851	40	12	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Deptford w	-	-	53714	45	18	5	3	5	-	1	-	-	1	-	-	-	-	-	-	-	5	-
St. icholas Deptford	-	-	6474	7	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. awich West	-	-	21034	15	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. awich East WH	-	-	19378	14	18	1	7	-	-	-	-	-	3	-	-	-	-	-	1	1	8	-
St. am H	-	-	4539	3	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. am H	-	-	16440	13	8	2	3	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-
St. sham Village WH	-	-	11513	19	5	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. sham H	-	-	19065	12	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. lton H	-	-	9564	5	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. wich Dockyard	-	-	17226	9	8	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. wich Arsenal WHH	-	-	18331	19	9	1	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
St. ead, West	-	-	13027	10	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. ead, East W	-	-	15232	10	8	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6

following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by *w*:-

Central London Sick Asylum in Tottenham-court sub-district.	London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Kentish Town sub-district.	Stepney Bow sub-district.
London City Workhouse in Islington East sub-district.	Poplar & Stepney Sick Asylum "
London Infirmary "	Westminster Union Industrial School in Battersea sub-district.
London City Workhouse " Hackney sub-district.	Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-
London " Hoxton New Town sub-district.	ney, Brixton, and St. Paul Deptford sub-districts.
Whitechapel " Mile End Old Town Eastern sub-dist.	

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 7th April 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Ename- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
						Deaths of		Deaths from											
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.				
	LONDON—OUTER RING	368,414	631,381	578	314	64	87	11	4	6	6	2	5	3	7	9	44		
29: 1	Carshalton W - - -	12228	13523	9	8	-	2	-	-	-	3	-	-	-	1	1	-		
2	Epsom (part of) * WH -	9971	9145	7	5	1	3	-	-	-	-	-	-	-	-	-	1		
36: 1	Godstone (part of) * - -	2754	900	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
37: 1	Croydon WWH - - -	20851	71319	54	28	9	6	-	-	-	2	-	-	1	-	-	4		
2	Mitcham WH - - -	11697	12534	3	4	1	1	-	-	-	-	-	-	-	-	-	1		
38: 1	Wimbledon HH - - -	3220	9087	4	4	1	2	-	-	-	-	-	-	-	-	-	-		
2	Kingston WH - - -	8549	27489	25	13	2	5	-	-	-	-	-	1	1	-	-	-		
3	Esher (part of) * - - -	6601	7353	6	1	1	-	-	-	-	-	-	-	-	-	-	-		
4	Hampton - - - -	4573	10185	9	5	3	-	-	-	-	-	-	1	-	-	-	-		
39: 1	Richmond WH - - -	2271	16829	13	4	1	2	-	-	-	-	-	-	-	-	-	1		
2	Mortlake - - - -	2961	9816	14	4	1	-	1	-	-	-	-	-	-	-	-	-		
40: 1	Bromley (part of) * HH -	15669	19509	22	8	1	2	-	-	-	-	-	-	-	1	1	-		
2	Chislehurst (part of) * W -	13665	10028	3	2	-	1	-	-	-	-	-	-	-	-	-	-		
41: 1	Bexley H - - - -	13439	19566	15	11	3	3	-	3	-	-	-	-	-	-	-	-		
123: 1	Sunbury W - - - -	11055	9860	13	3	-	1	-	-	-	-	-	-	-	-	-	-		
2	Staines W - - - -	13277	10339	4	3	-	1	-	-	-	-	-	-	-	-	-	-		
124: 1	Hillingdon WH - - -	6029	9712	4	2	1	1	-	-	-	-	-	-	-	-	-	-		
2	Uxbridge - - - -	6178	5329	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Hayes WL - - - -	14587	10497	12	10	1	5	-	-	-	-	-	-	1	-	-	5		
125: 1	Isleworth W - - - -	7008	19930	25	13	2	4	-	-	-	-	-	-	-	-	1	2		
2	Twickenham - - - -	2477	10533	10	6	-	2	1	-	-	-	-	-	-	1	1	-		
3	Brentford HL - - - -	4370	20279	18	9	2	3	-	-	-	-	-	-	-	-	-	-		
4	Chiswick - - - -	1311	8508	10	4	1	1	-	-	-	-	1	-	-	-	-	-		
5	Acton WH - - - -	6087	12683	6	12	4	3	-	-	1	-	-	-	-	-	-	1		
126: 1	Harrow H - - - -	13809	10869	5	6	1	1	-	-	-	-	-	-	-	1	2	-		
2	Edgware - - - -	6994	3450	-	2	1	-	-	-	-	-	-	-	-	-	-	-		
3	Willesden - - - -	4383	15369	13	4	1	1	-	-	-	-	-	-	-	-	-	-		
4	Hendon WH - - - -	8382	6972	2	4	-	1	-	-	1	-	-	-	-	-	-	2		
127: 1	South Mimms - - - -	15419	5924	5	4	1	-	-	1	-	-	-	-	-	1	1	-		
2	Barnet W - - - -	5423	7752	3	4	-	3	-	-	-	-	-	-	-	-	-	1		
3	Finchley L - - - -	4688	11493	6	11	1	3	-	-	-	-	-	-	-	-	1	9		
128: 1	Hornsey H - - - -	3039	19357	17	11	3	1	-	-	1	1	-	-	-	-	-	-		
2	Tottenham H - - - -	4642	22369	26	13	6	2	-	-	1	-	-	-	-	-	-	1		
3	Edmonton WW - - - -	7483	13360	9	11	2	7	2	-	-	-	-	-	-	-	-	7		
4	Enfield WH - - - -	12653	16054	12	3	-	1	-	-	-	-	-	-	-	-	-	-		
5	Waltham Abbey - - - -	11017	5197	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
6	Cheshunt - - - -	8493	7518	9	5	-	2	-	-	-	-	-	2	-	-	-	-		
134: 1	Hatfield (part of) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
136: 1	Bushey - - - -	9028	6472	3	2	-	-	1	-	-	-	-	-	-	-	-	-		
135: 1	Stratford - - - -	882	23286	28	12	2	4	1	-	-	-	-	-	-	-	-	-		
2	West Ham WWWW - - -	7345	44642	54	26	3	4	5	-	1	-	1	-	-	1	1	2		
3	Leyton WW - - - -	4274	15513	25	20	3	3	-	-	1	-	-	1	-	-	-	7		
4	Walthamstow H - - -	6619	15701	20	5	2	2	-	-	-	-	-	-	-	1	-	-		
136: 1	Chigwell (part of) * H -	10433	8169	12	2	-	-	-	-	-	-	-	-	-	-	-	-		
138: 1	Romford (part of) * - -	6730	2379	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Ilford - - - -	8492	5947	18	7	2	3	-	-	-	-	-	-	-	-	-	-		
3	Barking Town - - - -	4128	6576	14	2	1	1	-	-	-	-	-	-	-	-	-	-		

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:—
29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134: 1, only the parish of Northaw in Hatfield sub-district; 136: 1, the whole of the Chigwell sub-district, except the parish of Thoydon-Bolton (pop. 798); 138: 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 7th April, 1877.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from										Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.			
ATER LONDON	446,494	4,367,547	26·7	3·5	2236	444	567	89	54	22	10	71	32	12	61	376		
INNER LONDON -	78,080	3,533,484	28·4	3·7	1922	380	480	78	50	16	4	69	27	9	54	332		
UTER RING -	368,414	834,063	19·7	2·3	314	64	87	11	4	6	6	2	5	3	7	44		

E.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 6·47 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 28 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA -	429,535	March 3	-	211	25·6	Fever 48; cholera 21.
BOMBAY -	644,405	February 27	-	519	41·9	Small-pox 24; cholera 10.
MADRAS -	397,552	" 23	-	1011	132·2	Small-pox 273; cholera 186.
PARIS -	1,851,792	April 5	-	1170	32·9	Typhoid fever 24; small-pox 4.
GENEVA* -	67,829	March 31	34	42	32·3	—
BRUSSELS -	188,609	" 31	121	88	24·2	Diphtheria and croup 3.
AMSTERDAM -	289,981	" 31	235	180	31·6	Measles 5.
ROTTERDAM -	136,231	" 31	131	82	31·2	—
THE HAGUE -	104,095	" 31	60	49	24·5	—
COPENHAGEN -	215,000	" 27	110	99	24·0	Diarrhoea 6.
STOCKHOLM -	144,305	" 24	-	87	31·3	Scarlet fever 5.
CHRISTIANIA -	79,000	" 31	53	26	17·1	Scarlet fever 4.
BERLIN -	997,269	" 17	898	470	24·5	Scarlet fever 7; diphtheria 13.
HAMBURG (State)	393,588	" 24	-	-	-	—
DRESDEN -	202,295	" 24	-	-	-	—
BRESLAU -	246,813	" 31	209	125	26·3	—
MUNICH -	209,000	" 31	197	118	29·0	Diphtheria and croup 4.
VIENNA -	714,548	" 31	542	384	27·9	Small-pox 21; diphtheria 19.
BUDA-PESTH -	315,401	" 24	301	271	44·7	Whooping-cough 15; typhus 5.
ROME -	262,428	" 17	163	190	36·2	Small-pox 4; diphtheria and croup 8.
NAPLES -	454,948	" 18	-	349	40·0	Measles 6; croup 7.
TURIN -	223,488	" 24	132	117	27·1	Diphtheria and croup 3; small-pox 2.
VENICE -	139,796	" 24	74	72	26·7	—
ALEXANDRIA -	212,034	" 24	197	204	50·2	Diphtheria 5.
NEW YORK -	1,077,223	" 10	-	526	25·4	Scarlet fever 22; diphtheria 26.
BROOKLYN -	527,830	" 17	-	215	21·2	Scarlet fever 17; diphtheria 15.
PHILADELPHIA -	850,856	" 17	-	308	18·9	Typhoid fever 7; scarlet fever 6.
BOSTON -	352,000	" 17	-	157	22·4	Scarlet fever 6; diphtheria 11.

* With suburbs, including Genf, Plain-palais, and Eaux-Vives.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 7th APRIL, 1877.
[Under the Superintendence of the Astronomer Royal.]

MOON.		BARO-METER.		READINGS OF THERMOMETERS.										DIFFERENCE			Degree of humidity, complete saturation being represented by 100.	WIND.				RAIN.
				Dry.		Dew Point.		Highest in the sun, as shown by a self-registering thermometer with blackened bulb in vacuo, placed on the Grass.		Lowest on the Grass, as shown by a self-registering thermometer.		In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between Dew Point Temperature and Air Temperature.		Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*		As deduced from Anemometers.		Collected in a Gauge whose receiving surface is 5 in. above the ground.		
Phases of Moon.		Mean daily reading (corrected and reduced to 32 deg. Fahr. height).	High-est.	Low-est.	Range in day.	Mean daily value.	Mean daily value.	Mean daily value.	Minimum Thermometer.	Highest.	Lowest.	Mean daily value.	Great-est.	Least.	General Direction.	Pressure on square foot	Amount of Horizontal Movement of Air each day.	Departure from Average of 16 years.	Robinson's.		As deduced from Anemometers.	

DATE.	Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
APRIL.				
SUNDAY	1 } No electricity was shown.	0.0	12.9	Overcast. Frequent rain during afternoon and evening.
MONDAY	2 } No electricity was shown.	3.1	13.0	Rain fell in the early morning hours. Generally cloudy.
TUESDAY	3 } No electricity was shown.	0.5	13.0	Fine but cloudy in morning; overcast after 10h. A.M. with occasional rain till evening; partially cloudy at night.
WEDNESDAY	4 } Strong negative and positive shown during thunderstorm in afternoon.	3.4	13.1	Fine and partially cloudy till afternoon. Violent thunderstorm with very heavy rain and hail in afternoon. The hailstones were very large, several measured being as much as 0.7 in. in diameter. Cloudy night.
THURSDAY	5 } No electricity was shown.	5.5	13.2	Variable. Showery.
FRIDAY	6 } No electricity was shown.	3.8	13.2	Fine and partially cloudy in morning; overcast and showery in afternoon and evening.
SATURDAY	7 } Positive with sparks during a shower of rain about 2h. P.M.	4.1	13.3	Generally fine, partially cloudy. A heavy shower of rain in afternoon.
..	..	Sum 20.4	Sum 91.7	
No. of Col.	28	29	30	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending December 31, 1845.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873.

* In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and — "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 29.88 in. at the beginning of the week to 28.82 in. by 3h. P.M. on the 4th; increased to 29.50 in. by 9h. A.M. on the 7th; and was 29.43 in. at the end of the week.

WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 15. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, APRIL 14. [Price 1½d.

*General Register Office, Somerset House,
16th April, 1877.*

UNITED KINGDOM.

DURING last week 6305 *births* and 4009 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2296. The mortality from all causes was at the average rate of 26 deaths annually in every 1000 persons living. The annual death-rate was 24 per 1000 in Edinburgh, 25 in Glasgow, and 34 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Portsmouth 16, Brighton 19, Leicester 19, Sunderland 20, Wolverhampton 21, Norwich 21, Bradford 21, Sheffield 24, Plymouth 24, Hull 24, Leeds 25, London 25, Bristol 25, Newcastle-upon-Tyne 26, Liverpool 28, Manchester 28, Oldham 30, Birmingham 30, Nottingham 31, and Salford 33. The annual death-rate from the seven principal zymotic diseases averaged 3·1 per 1000 in the twenty towns, and ranged from 1·1 and 1·2 in Newcastle-upon-Tyne and Portsmouth, to 5·4 and 8·9 in Bristol and Salford. Whooping-cough continues fatally prevalent in Bristol and Sheffield, and the high zymotic rate in Salford was due to measles and small-pox. The fatal cases of small-pox in the twenty towns, which had been 93 and 85 in the two preceding weeks, further declined to 77 last week, of which 60 occurred in London, 8 in Liverpool (excluding 2 fatal municipal cases in Toxteth Workhouse), 6 in Salford, 2 in Manchester, one in Brighton, and not one in any of the fifteen other towns. All the six deaths from small-pox in Salford occurred in private dwelling-houses, five being of children under five years of age.

LONDON.

In LONDON 2654 BIRTHS and 1714 DEATHS were registered. Allowing for increase of population, the births exceeded by 197, and the deaths by 133, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two preceding weeks had been equal to 30·3 and 28·4 per 1000, further declined last week to 25·3.

The 1714 deaths included 60 from small-pox, 58 from measles, 18 from scarlet fever, 5 from diphtheria, 42 from whooping-cough, 12 from different forms of fever, and 13 from diarrhoea; thus to the seven principal diseases of the zymotic class 208 deaths were referred, against 243 and 253 in the two preceding weeks. These 208 deaths were 31 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 3·1 per 1000. The 58 fatal cases of measles showed a further increase upon the numbers in recent weeks, and exceeded the corrected average by 25; 19 occurred in Central London, including 11 in the parish of St. Luke's, and 21 in South London, of which 12 were returned in Lambeth. The 42 deaths from whooping cough were below the average and were 27 below the number in the previous week; 5 occurred in Islington, 5 in Shoreditch, and 6 in Bow and Poplar. Only 12 deaths were referred to fever, or 21 less than the corrected weekly average; 2 were certified as typhus, 8 as enteric or typhoid, and 2 as simple continued fever. The 2 fatal cases of typhus occurred in London Street (Islington), and Samuel Street (Limehouse). Five deaths were referred to puerperal fever.

The fatal cases of small-pox, which had been 86 and 78 in the two preceding weeks, further declined to 60 last week, a lower number than in any week since the middle of December; 29 were certified as unvaccinated, 6 as vaccinated, and 25 were "not stated" as to vaccination. The 60 included 30 which were recorded in the Metropolitan Asylum Hospitals, and one in the Highgate Small Pox Hospital;

the remaining 29 fatal cases occurred in private dwellings. After distributing the 31 hospital cases, it appears that 14 of the deceased small-pox patients had resided in Bow and Poplar, 7 in Southwark, and 4 in Kensington; in all, 10 belonged to the West, 8 to the North, one to the Central, 23 to the East, and 18 to the South groups of Districts. The fatality from this disease is still excessive in the East Districts, especially in Bow and Poplar, whereas it showed a decline in all other parts of London.

The Metropolitan Asylum District Hospitals contained 930 small-pox patients on Saturday last, against 988 and 956 at the end of the two preceding weeks; of these only 10 convalescent cases remained in the Limehouse Hospital. The number of new cases admitted during the week was 228, against 228 and 209 in the two preceding weeks.

The deaths referred to diseases of the respiratory organs, which in the two previous weeks had been 645 and 554, further declined last week to 420, which, however, exceeded the corrected weekly average by 84; 262 resulted from bronchitis and 99 from pneumonia.

During the five months ending March last no less than 17·2 inches of rain were measured at the Royal Observatory, Greenwich, on 96 of the 151 days in that period, exceeding by 7·9 inches the average amount in the corresponding five months of 61 years. During the first fourteen days of April a further rainfall of 2·6 inches was recorded.

The widow of a labourer died in Cleveland-street, Bethnal Green, on 7th instant, whose age was stated to be 104 years.

Different forms of violence caused 59 deaths; 49 were the result of negligence or accident, including 23 from fractures and contusions, 3 from burns and scalds, 6 from drowning, and 10 of infants under one year of age from suffocation. The death of an inmate of Pancras Workhouse was referred to hydrophobia caused by the bite of a cat. Seven deaths were caused by horses or vehicles in the streets.

In the large Public Institutions 334 deaths were recorded, or 19 per cent. of the total deaths; of these, 193 occurred in Workhouse Establishments, 132 in Hospitals, and 9 in Lunatic Asylums.

GREATER LONDON.

In Greater London 3207 births and 2000 deaths were registered, equal to annual rates of 38·3 and 23·9 per 1000 of the population. The fatal cases of small-pox in the Outer Ring, which had been 10 and 11 in the two preceding weeks, further rose to 16 last week, of which 12 occurred in West Ham and Stratford, 2 in Edmonton, one in Croydon, and one at the South Metropolitan District Schools at Sutton. Two more fatal cases of diphtheria were registered in Bromley (Kent).

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 25, Bombay 52, Madras 162; Paris 30; Brussels 23; Amsterdam 33, Rotterdam 36, The Hague 24; Copenhagen 31; Stockholm 28; Christiania 16; Berlin 27, Hamburg 24, Dresden 25, Breslau 25, Munich 30; Vienna 32, Buda-Pesth 47; Rome 30, Naples 39, Turin 25, Venice 28, Alexandria 38; New York 24, and Philadelphia 22. The 1237 deaths in Madras included 169 fatal cases of cholera and 347 of small-pox.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·63 in.; the lowest reading was 29·34 in. on Tuesday morning, and the highest 30·00 in. on Saturday. The mean temperature of the *air* was 46°·9, and 1°·1 above the average in the corresponding week of the 60 years 1814-73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean exceeded the average on each day of the week except Thursday and Saturday; on Monday the mean was 50°·0, and in excess by 4°·4, whereas on Thursday it was but 41°·9, or 4°·0 below the average. The lowest night temperature was 35°·7 on Thursday, and the highest day temperature in the shade 58°·8 on Tuesday; the extreme range in the week was, therefore, 23°·1. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 113°·7 on Thursday. The difference between the mean *dew-point* and *air* temperature averaged 5°·1. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 50°·9. The mean degree of *humidity* of the air was 83, complete saturation being represented by 100. The direction of the *wind* was variable, and the horizontal movement of the air averaged 8·0 miles per hour, which was 3·9 below the average in the corresponding week of 16 years. *Rain* fell on five days of the week, to the aggregate amount of 1·73 inches. The duration of registered sunshine in the week was 9·4 hours, out of 94·9 hours during which the sun was above the horizon.

TABLE 1. BIRTHS and DEATHS registered, and METEOROLOGY,* during the Week ending Saturday the 14th day of April 1877, in the following large Towns.

CITIES AND BOROUGHS.	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 14th April 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
Towns in the UNITED KINGDOM.	212,881	8,144,940	38·3	6305	4009	61·3	29·0	44·7	7·06	0·95	2·41
London	75,362	3,533,484	46·9	2654	1714	58·8	35·7	47·1	8·39	1·73	4·39
Birmingham	2,354	102,264	43·4	64	37	58·7	39·3	47·8	8·78	1·07	2·72
Manchester	4,486	127,144	28·3	92	39	58·2	40·4	48·9	9·39	0·45	1·14
Glasgow	7,472	84,023	11·2	48	34	57·2	36·0	44·8	7·12	0·93	2·36
Edinburgh	1,395	72,911	52·3	41	33	60·5	40·0	48·9	9·39	0·26	0·66
Dublin	4,452	202,950	45·6	157	99	61·3	39·3	47·7	8·72	0·30	0·76
Bristol	3,396	73,389	21·6	72	29	56·2	36·1	43·8	6·56	0·40	1·02
Leeds	8,400	377,436	44·9	365	216	58·0	37·2	45·5	7·50	0·86	2·18
Sheffield	3,200	117,461	36·7	110	43	59·5	36·0	46·6	8·12	1·36	3·45
Nottingham	1,996	95,025	47·6	88	57	57·6	34·5	45·3	7·39	0·96	2·44
Pool	5,210	527,083	101·2	409	280	54·9	38·0	44·1	6·73	0·42	1·07
Chester	4,293	359,213	83·7	290	194	-	-	-	-	-	-
Cardiff	5,170	141,184	27·3	144	88	54·2	30·0	42·5	5·84	0·62	1·57
Am	4,666	89,796	19·2	96	51	-	-	-	-	-	-
Ford	7,220	179,315	24·8	175	73	52·0	36·8	42·2	5·67	1·21	3·07
Field	21,572	293,189	13·8	244	144	55·0	33·0	42·7	5·95	1·11	2·82
Field	19,651	282,130	14·4	203	127	53·0	33·2	41·2	5·11	0·89	2·26
Field	3,635	140,002	38·5	109	65	58·0	34·0	42·4	5·78	1·20	3·05
erland	3,306	110,382	33·4	82	42	48·0	36·0	41·2	5·11	1·76	4·47
Castle-on-Tyne	5,371	142,231	26·5	101	71	-	-	-	-	-	-
Burgh	4,191	218,729	52·2	149	102	49·4	29·0	38·0	3·33	1·50	3·81
ow	6,033	555,933	92·1	433	264	-	-	-	-	-	-
N	10,050	314,666	31·3	179	207	61·0	34·0	47·7	8·72	1·10	2·79

* Names of the Meteorological Observers in the several towns, see note at foot of Table 4.
† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by the addition of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,055,612 persons, and in DUBLIN, during the Week ending Saturday the 14th day of April 1877.

BOROUGH, &c.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from											
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.				
Principal Boundaries, not for LONDON and DUBLIN.)																	
20 TOWNS	25·4	3·1	3436	801	718	77	90	52	14	113	47	26	123	233	561		
LONDON	25·3	3·1	1714	378	389	60	58	18	5	42	12	13	59	129	334		
MANCHESTER	18·9	1·5	37	7	11	1	-	1	-	-	1	-	1	1	8		
BIRMINGHAM	16·0	1·2	39	10	11	-	-	2	-	-	1	-	-	-	3		
GLASGOW	21·1	1·9	34	4	10	-	2	-	-	-	1	-	-	1	5		
EDINBURGH	23·6	2·2	33	7	9	-	1	1	-	-	1	-	-	-	2		
DUBLIN	25·5	5·4	99	30	22	-	1	1	-	11	6	2	4	5	11		
BRISTOL	20·6	2·8	29	12	5	-	-	2	-	-	1	1	1	1	4		
LEEDS	29·9	3·0	216	47	38	-	6	3	2	4	5	2	20	27	38		
SHEFFIELD	19·1	1·8	43	13	5	-	2	-	-	1	1	-	1	3	4		
NOTTINGHAM	31·3	1·7	57	12	17	-	1	-	-	2	-	-	3	5	3		
LIVERPOOL	27·7	3·8	280	77	44	8	2	2	2	17	3	4	14	17	50		
CHESTER	28·2	2·8	194	41	30	2	2	2	1	9	3	-	4	21	35		
CARDIFF	32·5	8·9	88	20	13	6	10	2	1	3	1	1	1	4	7		
GLAMORGAN	29·6	4·1	51	5	7	-	-	1	1	5	-	-	3	3	10		
DOVER	21·2	2·0	73	26	12	-	-	3	-	1	2	1	4	4	6		
POLES	25·2	2·6	144	44	30	-	2	9	1	2	1	-	1	4	12		
FIELD	23·5	3·9	127	31	26	-	1	2	1	12	4	1	-	-	13		
GL	24·2	3·0	65	13	16	-	2	2	-	1	2	1	4	4	9		
BERLAND	19·9	1·4	42	9	10	-	-	1	-	1	1	-	-	1	5		
CASTLE-ON-TYNE	26·1	1·1	71	15	13	-	-	-	-	2	1	-	3	3	2		
GL	34·3	2·8	207	25	58	-	4	5	-	2	5	1	7	2	70		

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the FIFTEENTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2105	2066	2157	2098	2414	2574	2220	2542	2591	2191	2295·8	2654
Males . .	1048	1074	1072	1076	1225	1334	1171	1278	1303	1163	1174·4	1339
Females . .	1057	992	1085	1022	1189	1240	1049	1264	1288	1028	1121·4	1315
TOTAL Deaths	1372	1274	1595	1475	1722	1470	1421	1339	1675	1434	1477·7	1714
Males . .	750	638	817	735	836	780	746	675	871	753	760·6	896
Females . .	622	636	778	740	886	690	675	664	804	676	717·1	818

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867-76, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Jan. 20.	Jan. 27.	Feb. 3.	Feb. 10.	Feb. 17.	Feb. 24.	Mar. 3.	Mar. 10.	Mar. 17.	Mar. 24.	Mar. 31.	Apr. 7.	Apr. 14.
TOTAL Deaths - - -	1491	1425	1528	1504	1462	1495	1529	1782	1800	1802	2052	1922	1714
0—20 - - -	693	636	673	648	653	675	702	810	850	766	898	877	778
20—40 - - -	244	226	214	215	234	206	232	269	247	270	277	242	233
40—60 - - -	258	254	292	262	248	289	258	326	277	301	380	323	314
60—80 - - -	217	251	289	317	263	263	289	313	338	382	417	391	315
at 80 years & upwds.	79	58	60	62	64	62	48	64	88	83	80	89	74
Deaths of children { Under 1 year -	367	331	337	317	334	323	334	372	392	385	420	380	378
{ 1—5 - - -	219	209	241	212	215	259	246	306	331	269	361	372	277
{ 5—20 - - -	107	96	95	119	104	93	122	132	127	112	117	125	123
Deaths from 7 principal Zymotic Diseases {	210	204	231	207	187	208	212	213	231	201	243	253	208
„ „ Small-pox - - -	79	86	103	90	72	104	84	96	100	76	86	78	60
„ „ Measles - - -	17	22	22	21	18	14	23	33	44	32	53	50	58
„ „ Scarlet fever - -	42	21	23	14	19	16	23	17	15	17	27	16	18
„ „ Diphtheria - - -	5	3	4	7	6	5	4	4	5	3	8	4	5
„ „ Whooping-cough -	31	40	41	44	38	38	40	28	36	37	48	69	42
„ „ Typhus fever - - -	5	4	5	2	7	2	1	2	1	4	1	3	2
„ „ Enteric (or Typhoid) fever -	10	14	14	11	9	11	13	20	15	18	10	19	8
„ „ Simple Cont'd fever -	3	3	1	7	2	4	2	3	5	3	3	5	2
„ „ Diarrhœa - - -	18	11	18	11	16	14	22	10	10	11	7	9	13
„ „ Simple Cholera - -	-	-	-	-	-	-	-	-	-	-	-	1	-
„ „ Dis. of Respiratory Organs -	290	304	375	381	355	303	355	452	498	575	645	554	420
„ „ Phthisis - - -	166	147	156	173	166	168	169	226	189	201	224	208	199
„ „ Heart Diseases - -	81	96	95	101	96	84	95	102	102	103	114	111	89
Violent Deaths - - -	55	52	45	51	45	54	46	59	52	51	60	54	59
Inquest Cases - - -	101	91	95	111	83	120	90	114	106	94	130	109	129
Deaths in Public Institutions	316	283	319	317	275	329	311	387	349	350	367	332	334
TEMPERATURE OF THE AIR:													
Mean - - - - -	45·5	39·0	43·0	46·3	46·4	40·4	39·1	36·9	41·7	37·7	46·4	47·8	46·9
Mean of Highest readings -	49·8	46·8	48·7	52·2	51·8	45·8	46·6	42·7	49·0	47·3	55·1	57·5	55·9
Mean of Lowest readings -	39·7	30·7	36·7	40·5	42·2	35·7	33·2	32·9	34·8	30·1	40·2	41·7	41·6
Mean Temperature of the Water of the Thames -	42·7	43·2	41·0	44·1	47·5	44·4	41·3	41·8	41·0	42·7	44·9	49·4	50·9
Humidity of the Air - -	90	87	84	85	82	79	75	80	73	81	82	82	83
Rain-fall in inches - - -	0·39	0·40	0·42	0·06	0·78	0·68	0·31	0·47	0·07	0·56	0·91	0·85	1·73
Registered Sunshine (in hours)	0·8	11·2	5·3	2·3	9·3	9·8	17·0	17·4	26·5	26·7	24·8	20·4	9·4

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FIFTEENTH Week of the Year 1877.

OF DEATH.										CAUSES OF DEATH.									
In the Week ending Saturday, April 14, 1877.										In the Week ending Saturday, April 14, 1877.									
Deaths of Persons of the Ages										Deaths of Persons of the Ages									
ALL AGES.										ALL AGES.									
Under 20.										Under 20.									
Mean Tem.										Mean Tem.									
0-1.										0-1.									
1-5.										1-5.									
5-20.										5-20.									
20 and under 40.										20 and under 40.									
40 and under 60.										40 and under 60.									
60 and under 80.										60 and under 80.									
80 Years and upwards.										80 Years and upwards.									
Temperature -										Mean Temperature -									
1477·7										47·0									
1469·1										46·9									
1714										46·9									
378										46·9									
277										46·9									
123										46·9									
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Averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1877.

Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, TYPHUS, ENTERIC (or Typhoid) Fever, SIMPLE CONTINUED FEVER, DIARRHŒA, and VIOLENCE, during the Week ending

REGISTRATION SUB-DISTRICTS.		Enu- me- rated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include														In- quest Cases.
					Deaths of		Deaths from												
							Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhea.	Violence.	
LONDON		3,254,260	2654	1714	378	389	60	58	18	5	42	2	8	2	13	59	129		
WEST DISTRICTS		561,359	407	301	67	70	5	2	6	-	6	-	1	-	5	13	25		
NORTH DISTRICTS		751,729	550	380	85	94	21	7	3	2	9	1	3	1	1	11	27		
CENTRAL DISTRICTS		334,369	211	167	32	29	-	19	-	-	-	-	-	-	1	4	11		
EAST DISTRICTS		639,111	578	364	92	80	15	9	5	-	16	1	1	1	1	16	36		
SOUTH DISTRICTS		967,692	908	502	102	116	19	21	4	3	11	-	3	-	5	15	30		
WEST DISTRICTS.																			
St. Mary Paddington WH		58728	38	26	7	7	-	-	-	-	-	-	-	-	2	1	2		
St. John Paddington H		38085	13	24	2	6	-	-	-	-	-	-	-	-	-	5	8		
Kensington Town W		91645	84	47	8	11	2	-	1	-	2	-	-	-	1	2	5		
Brompton H		28654	14	14	4	2	-	-	1	-	-	-	-	-	1	-	-		
St. Peter Hammersmith		6662	3	2	2	-	-	-	-	-	-	-	-	-	-	-	-		
St. Paul Hammersmith H		36029	49	21	6	6	-	-	-	-	1	-	-	-	-	2	2		
Fulham WwH		23350	34	16	4	4	3	-	-	-	1	-	-	-	-	-	-		
Chelsea South HHH		26420	26	17	2	4	-	-	3	-	-	-	-	-	-	-	1		
Chelsea North-west WHHHH		22926	28	31	6	8	-	-	-	-	1	-	-	-	1	1	2		
Chelsea North-east		21392	15	7	1	1	-	1	-	-	-	-	-	-	1	1	1		
Hanover Square H		18698	8	6	4	2	-	-	-	-	-	-	-	-	-	-	-		
May Fair WW		13358	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
Belgrave HH		57972	32	31	4	6	-	1	-	-	1	-	-	-	-	1	1		
St. John Westminster HH		38478	21	14	5	3	-	-	1	-	-	-	-	-	-	-	2		
St. Margaret Westminster WH		27781	15	24	5	7	-	-	-	-	-	-	1	-	-	-	1		
Golden Square WH		12860	9	3	1	2	-	-	-	-	-	-	-	-	-	-	-		
Berwick-street H		20759	7	6	3	1	-	-	-	-	-	-	-	-	-	-	-		
St. Anne Soho HHHHH		17562	10	9	3	-	-	-	-	-	-	-	-	-	-	-	-		
NORTH DISTRICTS.																			
All Souls Marylebone HHHH		28579	14	14	3	2	-	-	-	-	-	-	-	-	-	-	-		
Cavendish Square HH		15425	4	5	-	1	-	-	-	-	-	-	-	-	-	-	-		
Rectory Marylebone WH		26384	21	18	4	5	-	-	-	-	-	-	-	-	-	1	2		
St. Mary Marylebone HHH		21786	19	10	4	5	-	-	-	-	-	-	-	-	-	-	-		
Christchurch Marylebone H		33944	14	11	3	4	-	-	-	-	-	-	-	-	1	-	1		
St. John Marylebone H		33136	23	7	1	3	-	-	-	-	-	-	-	1	-	-	-		
Hampstead WwHH		32281	20	25	3	7	8	-	-	-	-	-	-	-	-	-	-		
Regent's Park Pancras		38200	25	18	4	6	-	-	-	-	1	-	-	-	-	1	1		
Tottenham-court wHHH		29370	21	17	2	3	-	-	-	-	-	-	-	-	-	1	1		
Gray's Inn Lane HH		29221	14	15	3	3	-	-	-	-	-	-	-	-	-	2	3		
Somers Town		38533	23	13	4	3	-	-	1	-	-	-	-	-	-	-	2		
Camden Town W		17943	17	12	1	5	-	-	-	1	1	-	1	-	-	3	3		
Kentish Town w		68198	55	33	7	6	-	1	1	-	2	-	1	-	-	-	3		
Islington West HHH		97820	78	57	20	11	2	-	1	1	4	1	-	-	-	-	3		
Islington East WwvH		115953	116	59	17	13	-	5	-	1	1	-	-	-	-	1	4		
Stoke Newington H		9841	11	8	-	4	-	-	-	-	-	-	1	-	-	-	-		
Stamford Hill		6598	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
West Hackney		28069	18	13	2	3	-	1	-	-	-	-	-	-	-	-	-		
Hackney WwvHL		50104	40	30	4	7	10	-	-	-	-	-	-	-	-	2	2		
South Hackney		30339	15	13	3	3	1	-	-	-	-	-	-	-	-	-	-		
CENTRAL DISTRICTS.																			
St. George Bloomsbury		17853	8	8	1	2	-	1	-	-	-	-	-	-	-	-	-		
St. Giles South WH		19109	13	11	2	3	-	1	-	-	-	-	-	-	-	-	-		
St. Giles North		16594	8	6	1	-	-	1	-	-	-	-	-	-	-	-	-		
Long Acre		11379	8	6	1	1	-	-	-	-	-	-	-	-	-	-	-		
Charing Cross HH		9859	3	6	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. Mary-le-Strand		9378	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Clement Danes H		10723	6	14	-	3	-	1	-	-	-	-	-	-	-	-	-		
St. George-the-Martyr HHHHH		20521	16	14	1	3	-	-	-	-	-	-	-	-	-	-	1		
St. Andrew Eastern W		13529	5	12	2	1	-	1	-	-	-	-	-	-	-	-	-		
Saffron Hill H		9066	5	3	2	-	-	-	-	-	-	-	-	-	-	-	-		
St. James Clerkenwell W		18917	17	10	4	3	-	1	-	-	-	-	-	-	-	-	-		
Amwell Clerkenwell		16884	10	7	1	1	-	-	-	-	-	-	-	-	1	-	-		
Pentonville		13337	14	6	3	2	-	-	-	-	-	-	-	-	-	1	1		
Goswell-street		16242	9	4	1	1	-	-	-	-	-	-	-	-	-	-	-		
Old-street H		12161	11	4	1	-	-	3	-	-	-	-	-	-	-	-	1		
City-road HHL		18301	26	9	3	1	-	4	-	-	-	-	-	-	-	1	1		
Whitecross-street		13792	8	7	2	-	-	4	-	-	-	-	-	-	-	-	-		
Finsbury		10741	8	3	1	1	-	-	-	-	-	-	-	-	-	-	-		
St. Botolph East London H		14540	8	5	1	1	-	-	-	-	-	-	-	-	-	-	-		
Cripplegate		13638	8	7	2	2	-	2	-	-	-	-	-	-	-	-	3		
St. Sepulchre H		7562	3	14	-	1	-	-	-	-	-	-	-	-	-	2	3		
St. Bride W		11185	4	6	2	-	-	-	-	-	-	-	-	-	-	-	1		
Castle Baynard		4426	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
Christchurch		6270	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Queenhithe		4753	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
Allhallows Barking		5764	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
Broad Street H		7845	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, &c. at the foot of next page.

DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
y, 14th April 1877.

				The DEATHS registered in the Week include																
REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	Deaths of		Deaths from													Inquest Cases.	Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.					
EAST DISTRICTS.																				
Shoreditch - - -	12430	2	4	1	1	-	-	-	-	-	-	-	-	-	-	-	2	-		
ard Shoreditch <i>HL†</i> - - -	16545	18	12	3	2	-	2	-	-	-	-	-	-	-	-	-	2	1		
New Town <i>w</i> - - -	27835	20	11	1	5	-	-	-	-	-	-	1	-	-	-	-	1	4		
Old Town - - -	26933	25	13	3	3	-	-	-	-	-	-	2	-	-	-	-	-	-		
ton West <i>W</i> - - -	24162	27	29	10	7	-	-	-	-	-	-	1	-	-	1	-	2	11		
ton East <i>H</i> - - -	19259	21	10	4	-	-	1	-	-	-	-	1	-	-	-	1	1	-		
oad - - -	29822	29	15	4	2	-	-	1	1	-	-	1	-	-	-	-	1	-		
ethnal Green <i>WHL†</i> - - -	42433	36	26	3	11	-	-	-	2	-	-	-	-	-	-	1	3	12		
Bethnal Green - - -	26577	29	18	4	6	1	1	1	-	-	-	1	-	-	-	-	3	-		
ethnal Green - - -	21272	18	5	3	-	-	-	2	-	-	-	-	-	-	-	-	-	-		
ds <i>H</i> - - -	22499	21	9	2	2	-	-	1	-	-	-	-	-	-	1	-	1	1		
d New Town <i>W</i> - - -	15550	17	15	2	3	-	-	-	-	-	-	-	-	-	-	-	1	6		
apel North - - -	11597	6	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
apel Church <i>H</i> - - -	7322	6	19	1	9	-	-	-	-	-	-	-	-	-	-	6	7	16		
n's Fields - - -	10381	9	5	1	-	-	-	-	-	-	-	-	-	-	-	2	2	-		
- - -	9224	4	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George East - - -	17900	14	6	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George East - - -	21350	21	10	3	2	1	1	-	-	-	-	-	-	-	-	-	-	9		
St. George East <i>W</i> - - -	8802	8	10	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-		
l - - -	11640	6	5	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-		
<i>H</i> - - -	16131	17	9	3	-	-	-	-	-	-	-	1	-	-	-	1	1	-		
se <i>W</i> - - -	29919	16	11	-	1	1	-	-	-	-	-	-	1	1	-	-	-	-		
ld Old Town Western - - -	38128	39	17	8	3	1	-	1	-	-	1	-	-	-	-	1	2	-		
ld Old Town Eastern <i>WwH</i> -	55024	52	33	10	6	-	-	-	-	-	-	-	-	-	-	1	2	4		
ew <i>HL†</i> - - -	67765	83	45	12	7	8	-	-	1	-	3	-	-	-	-	-	2	5		
<i>WW</i> - - -	48611	39	20	10	2	3	-	-	-	-	3	-	-	-	-	-	1	-		
SOUTH DISTRICTS.																				
Church Southwark <i>WH</i> - - -	14573	6	11	2	1	1	-	-	-	-	-	-	-	-	-	-	1	2		
our Southwark <i>H</i> - - -	15677	16	9	5	2	-	2	-	-	-	-	-	-	-	-	-	-	-		
ad - - -	20421	16	6	1	2	-	-	-	-	-	-	1	-	-	-	-	-	-		
oad <i>WH</i> - - -	16695	8	7	-	4	-	-	-	-	-	-	-	-	-	-	-	2	3		
oad <i>HL</i> - - -	18961	15	17	1	2	-	-	-	-	-	2	-	-	-	-	-	2	2		
Newington - - -	23682	26	8	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-		
Walworth <i>W</i> - - -	48248	66	32	8	7	-	1	1	-	-	-	-	-	-	2	-	-	11		
Newington - - -	16792	14	12	4	2	-	2	-	-	-	-	-	-	-	-	-	-	-		
Southwark <i>H</i> - - -	4373	-	14	-	1	-	-	-	-	-	-	-	-	-	-	1	1	9		
Horsleydown <i>W</i> - - -	10500	10	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-		
Market - - -	16787	18	4	1	2	-	1	-	-	-	-	-	-	-	-	1	1	-		
Magdalen <i>W</i> - - -	15709	25	9	1	5	2	-	-	-	-	-	-	-	-	-	-	-	3		
Bermondsey - - -	47933	43	13	1	6	-	-	-	-	-	1	-	-	-	-	-	-	-		
the <i>W</i> - - -	27096	26	19	3	4	1	-	1	-	-	-	-	-	-	-	1	3	1		
oad 1st <i>H</i> - - -	14074	14	8	2	-	-	2	-	-	-	-	-	1	-	-	-	-	1		
oad 2nd <i>H</i> - - -	18445	18	15	4	3	-	-	1	-	-	-	-	-	-	-	1	3	-		
Church 1st <i>H</i> - - -	19492	13	22	1	-	-	-	3	-	-	-	-	-	-	-	3	5	8		
Church 2nd <i>WW</i> - - -	35833	41	24	6	4	-	-	4	-	1	-	-	-	-	-	-	-	5		
ton 1st - - -	41236	30	15	6	4	-	-	-	-	-	-	-	-	-	-	-	-	-		
ton 2nd - - -	31221	18	8	1	2	1	-	-	-	-	1	-	-	-	1	-	-	6		
<i>w</i> - - -	35435	44	17	2	2	5	2	1	-	-	-	-	-	-	-	-	-	-		
<i>W</i> - - -	12536	9	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
<i>H</i> - - -	27347	28	11	2	6	-	-	-	-	-	-	-	-	-	-	1	2	-		
<i>Ww</i> - - -	54016	62	31	10	7	1	-	-	-	-	2	-	-	-	-	1	1	7		
orth <i>HL</i> - - -	19783	15	13	2	3	-	-	-	1	-	1	-	1	-	-	-	-	4		
- - -	9439	6	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
am - - -	14475	7	3	-	3	-	-	-	-	-	-	-	1	-	-	-	-	-		
- - -	4041	1	1	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-		
well <i>WLT†</i> - - -	31254	34	17	6	5	-	-	-	-	-	-	-	-	-	-	-	-	7		
in <i>W</i> - - -	42160	57	27	6	9	1	-	-	-	-	2	-	-	-	-	1	2	-		
ge Camberwell - - -	33851	40	13	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-		
Deptford <i>w</i> - - -	53714	49	22	4	4	6	1	-	-	-	-	-	-	-	-	-	-	6		
olias Deptford - - -	6474	5	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
ich West - - -	21034	19	10	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
ich East <i>WH</i> - - -	19378	12	21	-	3	-	-	-	-	-	-	-	-	-	-	1	1	13		
<i>H</i> - - -	4539	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
- - -	16440	18	3	-	1	-	-	-	-	-	-	-	-	-	-	-	1	2		
am Village <i>WH</i> - - -	11513	5	6	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
am <i>H</i> - - -	19065	18	8	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
<i>H</i> - - -	9564	6	5	-	1	-	-	-	-	-	-	-	-	-	-	1	1	3		
h Dockyard - - -	17226	5	6	2	-	-	-	-	-	-	-	-	-	-	-	-	2	-		
h Arsenal <i>WHH</i> - - -	18331	18	4	2	1	-	-	-	-	-	1	-	-	-	-	1	1	-		
ad West - - -	13027	11	7	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
ad East <i>W</i> - - -	15232	12	5	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1		

Following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the
table by *w*:-

ral London Sick Asylum in Tottenham-court sub-district.

Kentish Town sub-district.

on "City Workhouse" in Islington East sub-district.

orn Infirmary

on City Workhouse "Hackney sub-district."

on " " Hoxton New Town sub-district.

echapel " " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and
Bow sub-district.
Bow sub-district.

Stepney Poplar & Stepney Sick Asylum

Westminster Union Industrial School in Battersea sub-district.

Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-
ney, Brixton, and St. Paul Deptford sub districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 14th April 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enume- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
						Deaths of		Deaths from									Inquest Cases.	Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
	LONDON—OUTER RING	368,414	631,381	553	286	63	78	16	4	7	2	6	3	1	5	12	29	
29:1	Carshalton W - - -	12228	13523	9	6	-	3	1	-	-	-	-	-	-	-	-	1	
2	Epsom (part of) * WH -	9971	9145	6	-	-	-	-	-	-	-	-	-	-	-	-	-	
36:1	Godstone (part of) * - -	2754	900	2	1	1	-	-	-	-	-	-	-	-	-	-	-	
37:1	Croydon WWH - - -	20851	71319	53	38	10	13	1	1	-	-	1	1	-	-	-	4	
2	Mitcham WH - - -	11697	12534	11	3	-	1	-	-	-	-	-	-	-	1	2	-	
38:1	Wimbledon HH - - -	3220	9087	8	2	1	-	-	-	-	-	-	-	-	-	-	-	
2	Kingston WH - - -	8549	27489	23	12	4	4	-	-	-	-	-	-	1	-	-	6	
3	Esher (part of) * - - -	6601	7353	3	4	1	3	-	-	-	-	-	-	-	-	-	-	
4	Hampton - - - -	4573	10185	11	7	-	2	-	-	-	-	-	-	-	-	-	-	
39:1	Richmond WH - - -	2271	16829	13	8	1	3	-	-	-	-	1	-	-	-	-	-	
2	Mortlake - - - -	2961	9316	4	6	3	-	-	-	-	-	1	-	-	-	-	-	
40:1	Bromley (part of) * HH -	15669	19509	19	12	1	5	-	-	-	2	-	-	-	-	-	1	
2	Chislehurst (part of) * W -	13665	10028	14	7	1	3	-	-	-	-	-	-	-	-	-	2	
41:1	Bexley H - - - -	13439	19566	12	6	1	-	-	1	-	-	-	-	-	-	2	-	
123:1	Sunbury W - - - -	11055	9860	10	1	-	-	-	-	-	-	-	-	-	-	-	-	
2	Staines W - - - -	13277	10339	12	7	1	3	-	-	1	-	-	-	-	-	-	3	
124:1	Hillingdon WH - - -	6029	9712	6	2	2	-	-	-	-	-	-	-	-	-	-	-	
2	Uxbridge - - - -	6178	5329	3	3	1	-	-	-	-	-	-	-	-	-	-	-	
3	Hayes WL - - - -	14587	10497	6	6	1	-	-	-	1	-	-	-	-	-	-	3	
125:1	Isleworth W - - - -	7008	19930	12	11	4	2	-	-	1	-	-	-	-	-	3	2	
2	Twickenham - - - -	2477	10533	5	1	-	-	-	-	-	-	-	-	-	-	-	-	
3	Brentford HL - - - -	4370	20279	14	7	3	2	-	-	-	-	-	1	-	-	-	-	
4	Chiswick - - - -	1311	8506	10	3	-	2	-	-	-	-	1	-	-	-	-	-	
5	Acton WH - - - -	6037	12683	10	6	-	1	-	-	-	-	-	-	-	-	-	-	
126:1	Harrow H - - - -	13309	10869	12	4	2	-	-	-	-	-	-	-	-	-	1	-	
2	Edgware - - - -	6994	3450	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Willesden - - - -	4383	15869	21	4	-	1	-	-	1	-	-	-	-	-	-	-	
4	Hendon WH - - - -	8382	6972	6	3	2	-	-	-	-	-	-	-	-	-	-	-	
127:1	South Mimms - - - -	15419	5924	5	4	-	2	-	-	-	-	-	-	-	-	-	-	
2	Barnet W - - - -	5423	7752	4	2	-	2	-	-	-	-	-	-	-	-	-	-	
3	Finchley L - - - -	4638	11493	11	1	-	1	-	-	-	-	-	-	-	-	-	-	
128:1	Hornsey H - - - -	3039	19357	21	5	-	1	-	-	-	-	-	-	-	-	-	-	
2	Tottenham H - - - -	4642	22869	17	6	2	1	-	-	-	-	-	-	-	-	-	-	
3	Edmonton WW - - - -	7483	13860	17	11	2	4	2	-	-	-	1	-	-	-	-	6	
4	Enfield WH - - - -	12653	16054	19	6	-	4	-	-	-	-	-	-	-	-	-	-	
5	Waltham Abbey - - - -	11017	5197	1	2	1	-	-	-	-	-	-	-	-	-	-	-	
6	Cheshunt - - - -	8493	7518	8	4	1	1	-	-	-	-	-	-	-	-	-	-	
124:1	Hatfield (part of) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
136:1	Bushey - - - -	9028	6472	5	5	1	1	-	2	1	-	-	-	-	-	-	-	
185:1	Stratford - - - -	882	23286	25	14	2	2	6	-	-	-	-	-	-	-	1	-	
2	West Ham WWWW - - -	7345	44642	62	36	10	3	6	-	2	-	1	1	-	4	3	-	
3	Leyton WW - - - -	4274	15513	9	8	3	1	-	-	-	-	-	-	-	-	-	-	
4	Walthamstow H - - -	6619	15701	9	1	-	1	-	-	-	-	-	-	-	-	-	-	
186:1	Chigwell (part of) * H -	10483	8169	4	4	-	3	-	-	-	-	-	-	-	-	-	-	
188:1	Romford (part of) * - -	6730	2379	-	1	-	1	-	-	-	-	-	-	-	-	-	-	
2	Ilford - - - -	8492	5947	3	3	1	2	-	-	-	-	-	-	-	-	-	-	
3	Barking Town - - - -	4128	6576	11	3	-	-	-	-	-	-	-	-	-	-	-	-	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:— 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1315); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134: 1, only the parish of Northaw in Hatfield sub-district; 186: 1, the whole of the Chigwell sub-district, except the parish of Thoidon-Bolia (pop. 798); 188: 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 14th April 1877.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	Deaths in Public Institutions.	
TER LONDON	446,494	4,367,547	23·9	2·9	2000	441	467	76	62	25	7	48	15	14	64	363	
TER LONDON -	78,080	3,533,484	25·3	3·1	1714	378	389	60	58	18	5	42	12	13	59	334	
TER RING -	368,414	834,063	17·9	2·4	286	63	78	16	4	7	2	6	3	1	5	29	

—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 28 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA -	429,535	March	10	-	202	24·5	Fever 37; cholera 17.
BOMBAY -	644,405	"	6	-	648	52·3	Small-pox 50; cholera 4.
MADRAS -	397,552	"	2	-	1237	161·8	Small-pox 347; cholera 169.
PARIS -	1,851,792	April	12	-	1053	29·6	Typhoid fever 13; small-pox 6.
GENEVA* -	67,829	"	7	-	-	-	—
BRUSSELS -	188,609	"	7	109	82	22·5	Typhoid fever 3; small-pox 1.
AMSTERDAM -	289,981	"	7	200	188	33·0	Typhoid fever and typhus 4; measles 12.
ROTTERDAM -	136,231	"	7	106	94	35·8	—
THE HAGUE -	104,095	"	7	93	47	23·5	—
COPENHAGEN -	215,000	"	3	145	127	30·8	Small-pox 1; whooping-cough 3.
STOCKHOLM -	144,305	March	31	-	78	28·1	Scarlet fever 7.
CHRISTIANIA -	79,000	April	7	56	25	16·5	Scarlet fever 4; measles 2.
BERLIN -	997,269	March	24	832	516	26·9	Scarlet fever 14; diphtheria 14.
HAMBURG(State)	393,588	"	31	316	184	24·4	Typhus fever 5; diphtheria and croup 3.
DRESDEN -	202,295	"	31	-	98	25·2	Scarlet fever 11.
BRESLAU -	246,813	April	7	172	121	24·5	—
MUNICH -	209,000	"	7	183	122	30·0	Typhoid fever 4.
VIENNA -	714,548	"	7	581	443	32·2	Small-pox 12; diphtheria 16.
BUDA-PESTH -	315,401	March	31	244	285	46·9	Small-pox 2.
ROME -	272,560	"	24	162	157	29·9	Small-pox 5; diphtheria and croup 11.
NAPLES -	454,948	"	25	-	343	39·3	Small-pox 2.
TURIN -	223,488	"	31	141	109	25·0	Diphtheria and croup 4.
VENICE -	139,796	"	31	64	75	28·2	Typhoid fever 2.
ALEXANDRIA -	212,034	"	31	216	154	37·9	Whooping-cough 9; small-pox 2.
NEW YORK -	1,077,228	"	17	-	495	23·9	Scarlet fever 19; diphtheria 19.
BROOKLYN -	527,830	"	24	-	-	-	—
PHILADELPHIA -	850,856	"	24	-	351	21·5	Small-pox 7; typhoid fever 4; scarlet fever 4.
BOSTON -	352,000	"	24	-	-	-	—

* With suburbs, including Genf, Plain-palais, and Eaux-Vives.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 14th APRIL, 1877.
[Under the Superintendence of the Astronomer Royal.]

MOON.		BARO-METER.	READINGS OF THERMOMETERS.						DIFFERENCE				WIND.				RAIN.	
Phases of Moon.		Mean daily reading (corrected and reduced to 32 deg. Fahren height).	Dry		Dew Point.	Highest in the sun, as shown by a self-registering thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between Dew Point Temperature and Air Temperature.		Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*		As deduced from Anemometers.		Collected in a Gauge whose receiving surface is 5 in. above the ground.		
			High-est.	Low-est.	Mean daily value.	Mean daily value.	Mean	Lowest.	Highest.	Least.	Great-est.	Mean daily value.	Least.	Great-est.	Pressure on square foot.	Amount of Horizontal Movement of Air of each day.	Depart-ure from Average of 16 years.	
			est.	est.	value.	value.	Thermo-meter.	Highest.	Lowest.	est.	est.	value.	est.	est.	Osler's.	Amount of Horizontal Movement of Air of each day.	Depart-ure from Average of 16 years.	

DATE.	Electricity.		Registered Sunshine, in hours.		Sun above Horizon, in hours.	
APRIL.						
SUNDAY . 8	The electrical apparatus was not in action.	1.4	13.4	1.4	13.4	Fine but cloudy in morning; overcast afterwards. Heavy rain in afternoon and evening.
MONDAY . 9		0.0	13.4	0.0	13.4	Overcast. Occasional rain.
TUESDAY . 10		0.2	13.5	0.2	13.5	Overcast with rain in morning; fine in afternoon and evening.
WEDNESDAY 11		0.6	13.6	0.6	13.6	Generally cloudy. Showery in morning. Slight thunderstorm in afternoon.
THURSDAY . 12		5.8	13.6	5.8	13.6	A fine day; partially cloudy.
FRIDAY . 13		1.1	13.7	1.1	13.7	Generally cloudy. Showers of rain at night.
SATURDAY . 14		0.3	13.7	0.3	13.7	Overcast in the morning; fine but generally cloudy in afternoon and evening.
..	..	Sum 9.4	Sum 94.9	Sum 9.4	Sum 94.9	
No. of Col.	28	29	30	29	30	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873. *In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and — "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 29.48 in. at the beginning of the week to 29.53 in. by 9h. A.M. on the 8th; decreased to 29.34 in. by 9h. A.M. on the 10th; increased to 29.89 in. by noon on the 12th; decreased to 29.80 in. by 3h. P.M. on the 13th; and increased to 29.96 in. by the end of the week.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 16. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, APRIL 21. [Price 1½d.

*General Register Office, Somerset House,
23rd April, 1877.*

UNITED KINGDOM.

DURING last week 5922 *births* and 3808 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2114. The mortality from all causes was at the average rate of 24 deaths annually in every 1000 persons living. The annual death-rate was 23 per 1000 in Edinburgh, 27 in Glasgow, and 37 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Portsmouth 18, Brighton 19, Bradford 20, Sunderland 20, Hull 22, Leeds 22, Liverpool 22, London 23, Bristol 23, Sheffield 23, Wolverhampton 24, Norwich 25, Plymouth 25, Birmingham 26, Leicester 26, Nottingham 26, Newcastle-on-Tyne 27, Manchester 31, Salford 37, and Oldham 38. The annual death-rate from the seven principal zymotic diseases averaged 3·2 per 1000 in the twenty towns, and ranged from 0·5 and 0·9 in Brighton and Bradford, to 5·2 and 7·8 in Oldham and Salford. During the past two weeks 16 deaths from fever have occurred in Bristol. The fatal cases of small-pox in the twenty towns, which had been 93, 85, and 77 in the three preceding weeks, rose again last week to 81, of which 68 occurred in London, 5 in Liverpool, 5 in Salford, 2 in Oldham, one in Manchester (excluding 7 deaths in Monsall Hospital), and not one in any of the fifteen other towns.

LONDON.

In LONDON 2475 BIRTHS and 1532 DEATHS were registered. Allowing for increase of population, the births exceeded by 31, whereas the deaths were 46 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the three preceding weeks had been equal to 30·3, 28·4, and 25·3 per 1000, further declined last week to 22·6.

The 1532 deaths included 68 from small-pox, 41 from measles, 25 from scarlet fever, 6 from diphtheria, 46 from whooping-cough, 26 from different forms of fever, and 11 from diarrhoea; thus to the seven principal diseases of the zymotic class 223 deaths were referred, against 253 and 208 in the two preceding weeks. These 223 deaths were 19 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 3·3 per 1000. The 41 fatal cases of measles showed a marked decline from the numbers returned in the three preceding weeks, but included 5 in St. Luke's, 5 in Shoreditch, and 11 in Lambeth. Of the 46 deaths from whooping-cough, 14 occurred in North and 15 in East London, including 5 in Pancras, 6 in Islington, and 5 in Bow and Poplar. The 25 deaths from scarlet fever exceeded the numbers in recent weeks; 4 were returned in Fulham, 3 in St. George, Hanover Square, and 2 in Wandsworth. Two fatal cases of diphtheria were registered in Bethnal Green. The 26 deaths referred to fever exceeded the number in the previous week, but were 8 below the corrected weekly average; 4 were certified as typhus, 17 as enteric or typhoid, and 5 as simple continued fever. Two of the fatal cases of typhus belonged to Chelsea, one to Clerkenwell, and one occurred in Lee. Two deaths from enteric fever were returned in Walworth and two in Battersea.

The fatal cases of small-pox, which had been 86, 78, and 60 in the three preceding weeks, were 68 last week, of which 33 were certified as unvaccinated, 13 as vaccinated, and 22 were "not stated" as to vaccination. The 68 included 40 which were recorded in the Metropolitan Asylum Hospitals, and 5 in the Highgate Small-pox Hospital; the remaining 23 fatal cases occurred in private dwellings.

Excluding one admitted from Chiswick, and distributing the other 44 fatal hospital cases, it appears that 11 of the deceased small-pox patients had resided in Hackney, 9 in Southwark, 6 in Bow, 5 in Bethnal Green, 4 in Islington, and 4 in Camberwell; in all, 9 belonged to the West, 20 to the North, 3 to the Central, 16 to the East, and 19 to the South groups of districts. The fatal cases in North London, which had been 17 and 8 in the two previous weeks, rose again to 20.

The Metropolitan Asylum District Hospitals contained 881 small-pox patients on Saturday last, against 988, 956, and 930 at the end of the three preceding weeks. The Convalescent Small Pox Hospital at Limehouse contained no patients on Saturday night. The number of new cases admitted during the week was 161, against 209 and 228 in the two preceding weeks.

The deaths referred to diseases of the respiratory organs, which in the three previous weeks had been 645, 554, and 420, further declined to 343, and exceeded the corrected weekly average by but 13.

Different forms of violence caused 65 deaths; 52 were the result of negligence or accident, including 24 from fractures and contusions, 4 from burns and scalds, 7 from drowning, and 14 of infants under one year of age from suffocation. The 24 deaths by fractures and contusions were thus caused: male aged 49, injured on railway (H); male 56, fell from train (H); male 53, fell from cab; female 30, run over by cab (manslaughter); male 23, fell from van (H); child 4, run over by van (H); child 3, run over (by what not stated in verdict); male 27, fall from horse (H); female 58, female 43, male 74 (H), and male 50, falls down stairs; female 55, fall from window; male 62, fall from ladder (H); male 38, fall from scaffold (H); male 43 (H) and male 48, falls from heights (what height not stated); female 79, male 48 (H), male 5 (H), male 13 (H), falls (nature of falls not stated in verdict); child 5, struck by stone; heavy substance fell on male 74, and male 25 (H). The juries have thus, under the instruction of the coroners, given the essential particulars in the majority of cases; the Registrar General trusts that in future these particulars will be supplied in every case. It is only by attention to details that violent deaths can be reduced in number.

In the large Public Institutions 294 deaths were recorded, or 19 per cent. of the total deaths; of these, 180 occurred in Workhouse Establishments, 109 in Hospitals, and 5 in Lunatic Asylums.

GREATER LONDON.

In Greater London 2974 births and 1801 deaths were registered, equal to annual rates of 35·5 and 21·5 per 1000 of the population. The fatal cases of small-pox in the Outer Ring, which had been 11 and 16 in previous weeks, declined to 5 last week, including 4 in West Ham and Stratford, and one in Bexley.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 22, Bombay 56, Madras 145; Paris 29; Geneva 27; Brussels 25; Amsterdam 27, Rotterdam 26, The Hague 22; Copenhagen 25; Stockholm 33; Christiania 24; Berlin 28, Hamburg 25, Dresden 22, Breslau 26; Vienna 31, Buda-Pesth 45; Rome 25, Turin 28, Venice 25; Alexandria 44; New York 24, Brooklyn 22, and Boston 20.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·69 in.; the lowest reading was 29·40 in. on Tuesday evening, and the highest 30·07 in. on Friday morning. The mean temperature of the *air* was 42°·5, and 4°·5 below the average in the corresponding week of the 60 years 1814-73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average on each day of the week; on Sunday 15th it was 45°·9, and the deficiency only 0°·6, while the coldest day was Wednesday, when the mean was only 38°·7 and 8°·3 below the average. The lowest night temperature was 32°·1 on Friday, and the highest day temperature in the shade 59°·3 on Friday; the extreme range in the week was, therefore, 27°·2. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 116°·3 on Friday. The difference between the mean *dew-point* and *air* temperature averaged 7°·3. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 48°·9. The mean degree of *humidity* of the air was 76, complete saturation being represented by 100. The general direction of the *wind* was Easterly, and the horizontal movement of the air averaged 17·9 miles per hour, which was 5·6 above the average in the corresponding week of 16 years. *Rain* fell on four days during the week, to an aggregate amount of 0·35 of an inch. The duration of registered sunshine in the week was 14·1 hours, out of 98·0 hours during which the sun was above the horizon.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the United Kingdom, during the Week ending Saturday, the 21st day of April 1877.

CITIES AND BOROUGHES.	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 21st April 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERA- TURE OF THE AIR. (CENTI- GRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centi- metres.
Principal Boundaries, not for LONDON (or DUBLIN.)											
TOWNS in the } UNITED KINGDOM }	212,881	8,144,940	38·3	5922	3808	61·0	28·4	42·8	6·00	0·56	1·42
NEWCASTLE - - -	75,362	3,533,484	46·9	2475	1532	59·3	32·1	45·7	7·61	0·35	0·89
GLASGOW - - -	2,354	102,264	43·4	64	38	53·0	34·0	42·0	5·56	0·40	1·02
LIVERPOOL - - -	4,486	127,144	28·3	65	43	55·3	34·6	45·5	7·50	0·52	1·32
MANCHESTER - - -	7,472	84,023	11·2	50	40	58·0	33·5	41·6	5·34	0·01	0·03
EDINBURGH - - -	1,395	72,911	52·3	40	35	58·5	34·5	45·2	7·33	2·42	6·15
GLoucester - - -	4,452	202,950	45·6	147	89	55·7	28·4	43·4	6·33	0·93	2·36
BRISTOL - - -	3,396	73,389	21·6	45	34	52·3	31·0	39·4	4·11	0·56	1·42
NOTTINGHAM - - -	8,400	377,436	44·9	330	186	54·2	33·8	41·7	5·39	0·45	1·14
LEEDS - - -	3,200	117,461	36·7	91	58	61·0	36·2	43·3	6·28	0·46	1·17
GLoucester - - -	1,996	95,025	47·6	64	48	58·2	35·9	42·9	6·06	0·20	0·51
POOL - - -	5,210	527,083	101·2	365	224	53·0	33·7	42·5	5·84	0·39	0·99
ESTER - - -	4,293	359,213	83·7	286	216	-	-	-	-	-	-
RD - - -	5,170	141,184	27·3	147	100	57·5	29·0	42·0	5·56	0·36	0·91
M - - -	4,666	89,796	19·2	92	66	-	-	-	-	-	-
ORD - - -	7,220	179,315	24·8	132	68	54·0	35·0	41·1	5·06	0·25	0·63
- - -	21,572	298,189	13·8	223	125	57·0	34·0	42·5	5·84	0·17	0·43
ELD - - -	19,651	282,130	14·4	197	125	56·0	36·0	42·2	5·67	0·57	1·45
- - -	3,635	140,002	38·5	129	58	54·0	32·0	41·1	5·06	0·67	1·70
IRLAND - - -	3,306	110,382	33·4	81	43	58·0	37·0	43·4	6·33	0·01	0·03
STIRLING-ON-TYNE	5,371	142,231	26·5	94	74	-	-	-	-	-	-
BURGH - - -	4,191	218,729	52·2	158	96	59·2	30·5	43·0	6·11	0·28	0·71
OW - - -	6,033	555,933	92·1	431	289	-	-	-	-	-	-
- - -	10,050	314,666	31·3	216	221	59·3	32·2	45·6	7·56	1·69	4·29

*names of the Meteorological Observers in the several towns, see note at foot of Table 4.
†figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by addition of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,055,612 persons, and in DUBLIN, during the Week ending Saturday the 21st day of April 1877.

BOUGHS, &c.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from											
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.				
20 TOWNS -	23·7	3·2	3202	767	629	81	68	62	9	116	58	33	115	197	525		
W - - -	22·6	3·3	1532	356	316	68	41	25	6	46	26	11	65	116	294		
TON - - -	19·4	0·5	38	6	14	-	-	-	-	-	1	-	-	-	9		
MOUTH - -	17·6	1·2	43	11	16	-	-	2	-	-	1	-	1	1	2		
CH - - -	24·8	1·9	40	4	17	-	-	3	-	-	-	-	2	4	5		
UTH - - -	25·1	2·2	35	8	12	-	-	1	-	-	-	2	1	1	7		
L - - -	22·9	4·1	89	21	25	-	-	3	-	3	10	-	1	3	19		
ERHAMPTON -	24·2	4·3	34	5	5	-	-	3	-	-	1	2	1	3	8		
NGHAM - -	25·7	4·2	186	60	24	-	12	5	-	7	2	4	7	9	25		
TER - - -	25·8	2·7	58	18	10	-	1	1	-	3	-	1	1	4	8		
NGHAM - -	26·4	2·2	48	15	8	-	1	1	-	1	-	1	1	3	4		
POOL - - -	22·2	2·8	224	60	26	5	1	1	1	12	4	4	11	12	37		
ESTER - -	31·4	3·6	216	50	34	1	1	4	-	14	1	4	5	13	41		
D - - -	37·0	7·8	100	22	14	5	7	1	-	5	3	-	1	3	15		
M - - -	38·4	5·2	66	20	15	2	-	-	-	6	1	-	1	1	8		
ORD - - -	19·8	0·9	68	14	16	-	-	1	-	2	-	-	-	1	9		
- - -	21·9	2·3	125	35	20	-	2	3	1	4	2	1	2	5	8		
BLD - - -	23·1	2·8	125	25	23	-	-	2	1	10	2	-	4	7	10		
- - -	21·6	1·9	58	19	17	-	1	1	-	2	-	1	4	4	7		
LAND - -	20·3	2·4	43	7	8	-	-	2	-	1	2	-	3	3	4		
TLE-ON-TYNE	27·2	2·9	74	11	9	-	1	3	-	-	2	2	4	4	5		
- - -	36·6	4·8	221	29	68	1	9	4	-	3	6	6	4	5	62		

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the SIXTEENTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2034	2453	2208	2317	2079	2252	2312	2373	2254	2557	2283·9	2475
Males . .	1026	1248	1134	1169	1065	1165	1146	1211	1129	1308	1160·1	1209
Females . .	1008	1205	1074	1148	1014	1087	1166	1162	1125	1249	1123·8	1266
TOTAL Deaths	1223	1539	1377	1487	1578	1410	1603	1300	1600	1631	1474·8	1532
Males . .	643	804	692	755	790	752	803	680	803	893	762·0	805
Females . .	580	735	685	732	788	658	795	620	797	738	712·8	727

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867-76 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Jan. 27.	Feb. 3.	Feb. 10.	Feb. 17.	Feb. 24.	Mar. 3.	Mar. 10.	Mar. 17.	Mar. 24.	Mar. 31.	Apr. 7.	Apr. 14.	Apr. 21.
TOTAL Deaths - - -	1425	1528	1504	1462	1495	1529	1782	1800	1802	2052	1922	1714	1532
0-20 - - -	636	673	648	653	675	700	810	850	766	898	877	778	740
20-40 - - -	226	214	215	234	206	232	269	247	270	277	242	233	219
40-60 - - -	254	292	262	248	289	258	326	277	301	380	323	314	257
60-80 - - -	251	289	317	263	263	289	313	338	382	417	391	315	264
at 80 years & upwds.	58	60	62	64	62	48	64	88	83	80	89	74	52
Deaths of { Under 1 year -	331	337	317	334	323	334	372	392	385	420	380	378	356
children { 1-5 - - -	209	241	212	215	259	246	306	331	269	361	372	277	272
{ 5-20 - - -	96	95	119	104	93	122	132	127	112	117	125	123	112
Deaths from 7 principal Zy- motic Diseases }	204	231	207	187	208	212	213	231	201	243	253	208	223
„ „ Smallpox - - -	86	103	90	72	104	84	96	100	76	86	78	60	68
„ „ Measles - - -	22	22	21	18	14	23	33	44	32	53	50	58	41
„ „ Scarlet Fever - -	21	23	14	19	16	23	17	15	17	27	16	18	25
„ „ Diphtheria - - -	3	4	7	6	5	4	4	5	3	8	4	5	6
„ „ Whooping-cough -	40	41	44	38	38	40	28	36	37	48	69	42	46
„ „ Typhus fever - - -	4	5	2	7	2	1	2	1	4	1	3	2	4
„ „ Enteric (or Ty- phoid) fever - - -	14	14	11	9	11	13	20	15	18	10	19	8	17
„ „ Simple Cont ^d fever	3	1	7	2	4	2	3	5	3	3	5	2	5
„ „ Diarrhoea - - -	11	18	11	16	14	22	10	10	11	7	9	13	11
„ „ Simple Cholera - -	-	-	-	-	-	-	-	-	-	-	1	-	-
„ „ Dis. of Respira- tory Organs - - -	304	375	381	355	303	355	452	498	575	645	554	420	343
„ „ Phthisis - - -	147	156	173	166	168	169	226	189	201	224	208	199	162
„ „ Heart Diseases - -	96	95	101	96	84	95	102	102	103	114	111	89	91
Violent Deaths - - -	52	45	51	45	54	46	59	52	51	60	54	59	65
Inquest Cases - - -	91	95	111	83	120	90	114	106	94	130	109	129	116
Deaths in Public Institutions	283	319	317	275	329	311	387	349	350	367	332	334	294
TEMPERATURE OF THE AIR:													
Mean - - - - -	39·0	43·0	46·3	46·4	40·4	39·1	36·9	41·7	37·7	46·4	47·8	46·9	42·5
Mean of Highest readings -	46·8	48·7	52·2	51·8	45·8	46·6	42·7	49·0	47·3	55·1	57·5	55·9	49·8
Mean of Lowest readings -	30·7	36·7	40·5	42·2	35·7	33·2	32·9	34·8	30·1	40·2	41·7	41·6	37·0
Mean Temperature of the } Water of the Thames - - }	43·2	41·0	44·1	47·5	44·4	41·3	41·8	41·0	42·7	44·9	49·4	50·9	48·9
Humidity of the Air - - -	87	84	85	82	79	75	80	73	81	82	82	83	76
Rain-fall in inches - - -	0·40	0·42	0·06	0·78	0·68	0·31	0·47	0·07	0·56	0·91	0·85	1·73	0·35
Registered Sunshine (in hours)	11·2	5·3	2·3	9·3	9·8	17·0	17·4	26·5	26·7	24·8	20·4	9·4	14 1

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the SIXTEENTH Week of the Year 1877.

OF DEATH.		Average in the Sixteenth Weeks of the 10 years 1867-76.	In the Week ending Saturday, April 21, 1877.										CAUSES OF DEATH.		Average in the Sixteenth Weeks of the 10 years 1867-76.	In the Week ending Saturday, April 21, 1877.									
			Deaths of Persons of the Ages													Deaths of Persons of the Ages									
			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	ALL AGES.	Under 20.				20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.						
				Mean Tem.	0-1.	1-5.						5-20.								Mean Tem.	0-1.	1-5.	5-20.		
Temperature	-	50.2	42.5	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	Mean Temperature	50.2	42.5	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.					
USES	-	1474.8	1532	356	272	112	219	257	264	52	9. Stricture of Intestines	1.1	2	-	-	-	-	1	1	-					
ED CAUSES	-	1469.9	1525	352	272	112	219	256	262	52	10. Fistula	.4	-	-	-	-	-	-	-	-					
IC DISEASES.											11. Stomach Disease, &c.	7.8	6	4	-	-	-	-	2	-					
DER 1.											12. Pancreas Disease, &c.	-	-	-	-	-	-	-	-	-					
OX	-	39.9	68	5	14	19	24	6	-	-	13. Hepatitis	3.5	3	-	-	-	-	2	1	-					
Fever	-	34.0	41	9	32	-	-	-	-	-	14. Jaundice	5.0	6	3	1	-	-	2	-	-					
ria	-	30.1	25	-	16	8	-	1	-	-	15. Liver Disease, &c.	18.7	22	-	-	1	7	8	6	-					
	-	5.4	6	1	2	3	-	-	-	-	16. Spleen Disease, &c.	.2	-	-	-	-	-	-	-	-					
	-	.7	8	2	5	1	-	-	-	-	ORDER 5.														
ng-cough	-	14.2	8	2	5	1	-	-	-	-	1. Nephritis	1.8	5	-	-	2	1	1	1	-					
orTyphoid Fev.	} 32.0 {	70.0	46	21	24	-	-	-	1	-	2. Ischuria	.3	-	-	-	-	-	-	-	-					
Continued Fev.			4	1	-	1	2	3	2	-	3. Bright's Dis. (Nephria)	10.5	11	-	-	-	4	3	4	-					
las			17	-	5	5	2	3	2	-	4. Diabetes	2.4	4	-	-	-	1	1	2	-					
al Fev. (Metria)		6.7	5	-	-	1	3	-	-	1	5. Calculus (Stone)	1.4	1	-	-	-	1	-	-	-					
le		3.8	6	3	-	-	1	1	1	-	6. Cystitis	1.0	2	-	-	-	1	-	1	-					
sa		.5	4	-	-	-	4	-	-	-	7. Kidney Disease, &c.	9.2	8	-	-	-	2	4	2	-					
ry		.4	3	-	-	-	1	1	1	-	ORDER 6.														
sa		1.6	2	-	-	-	-	-	1	1	1. Ovarian Dropsy	.5	3	-	-	-	3	-	-	-					
Cholera		14.8	11	8	1	-	-	1	1	-	2. Uterus Disease, &c.	4.1	5	-	-	-	2	2	-	1					
unt Fever		.2	-	-	-	-	-	-	-	-	ORDER 7.														
tism		.3	-	-	-	-	-	-	-	-	1. Synovitis (Arthritis)	.3	-	-	-	-	-	-	-	-					
ymotic Diseases		.1	-	-	-	-	-	-	-	-	2. Joint Disease, &c.	7.7	4	-	1	2	1	-	-	-					
DER 2.		8.1	6	-	-	2	-	1	3	-	ORDER 8.														
le of Urethra		.4	-	-	-	-	-	-	-	-	1. Phlegmon	3.3	2	-	-	-	1	1	-	-					
phobia		-	-	-	-	-	-	-	-	-	2. Ulcer	.9	3	-	-	-	1	-	2	-					
es		-	-	-	-	-	-	-	-	-	3. Skin Disease, &c.	1.2	4	2	-	1	-	1	-	-					
DER 3.											IV. DEVELOPMENTAL DISEASES.														
Breast-milk		.6	2	-	-	-	2	-	-	-	ORDER 1.														
and Scurvy		7.4	6	6	-	-	-	-	-	-	1. Premature Birth	23.5	20	20	-	-	-	-	-	-					
Del. Tremens		3.7	6	-	2	1	1	2	-	-	2. Cyanosis	1.8	1	1	-	-	-	-	-	-					
Intemperance		1.9	2	-	-	-	1	1	-	-	3. Spina Bitida	.7	4	4	-	-	-	-	-	-					
DER 4.		1.1	3	-	-	-	1	1	1	-	4. Other Malformations	2.2	4	4	-	-	-	-	-	-					
&c.		2.3	4	3	1	-	-	-	-	-	5. Teething	20.5	17	11	6	-	-	-	-	-					
STITUTIONAL.		.6	-	-	-	-	-	-	-	-	ORDER 2.														
DER 1.											1. Paramenia	.1	-	-	-	-	-	-	-	-					
		3.7	1	-	-	-	1	-	-	-	2. Childbirth (see Puer- peral Fever)	5.3	4	-	-	-	4	-	-	-					
		13.0	8	2	1	1	-	4	-	-	ORDER 3.														
		31.4	40	-	-	-	3	23	14	-	1. Old Age	50.7	42	-	-	-	-	-	18	24					
in Oris (Noma)		.4	-	-	-	-	-	-	-	-	ORDER 4.														
ation		3.5	7	2	-	-	-	3	1	1	1. Atrophy and Debility	65.0	49	41	2	1	-	-	5	-					
DER 2.											V. VIOLENT DEATHS, &c.														
esenterica		10.3	20	7	8	2	1	1	1	-	ORDER 1.														
Ulcer		20.3	32	17	12	3	-	-	-	-	(ACCIDENT OR NEGLIGENCE.)														
cephalus		183.7	162	3	3	18	83	48	7	-	1. Fractures & Contusions	16.9	23	-	2	3	4	10	4	-					
DER 3.		24.5	27	6	19	1	1	-	-	-	2. Wounds { Gunshot -	.7	-	-	-	-	-	-	-	-					
L DISEASES.											3. Burns and Scalds	5.1	4	1	1	1	-	1	-	-					
DER 1.											4. Poison	.7	-	-	-	-	-	-	-	-					
is	-	20.1	29	6	12	8	1	2	-	-	5. Drowning	6.3	7	-	1	2	3	-	1	-					
y	-	49.8	48	2	5	-	1	20	19	1	6. Suffocation	8.5	15	14	-	-	-	-	1	-					
is	-	30.5	32	-	-	-	1	1	27	3	7. Otherwise	1.5	2	-	-	-	-	1	1	-					
	-	1.9	1	-	-	-	-	-	-	-	ORDER 3.														
	-	.2	-	-	-	-	-	-	-	-	(HOMICIDE.)														
	-	7.7	6	1	1	1	-	1	2	-	1. Murder & Manslaughter	3.2	2	1	-	-	1	-	-	-					
tions	-	50.4	56	40	14	-	1	-	1	-	ORDER 4.														
isease, &c.	-	18.7	21	1	-	3	3	4	9	1	(SUICIDE.)														
DER 2.											1. Wounds { Gunshot -	.6	1	-	-	1	-	-	-	-					
itis	-	1.7	4	-	-	-	2	1	1	-	2. Poison	1.6	2	-	-	-	-	1	1	-					
m	-	3.7	2	-	-	-	1	1	-	-	3. Drowning	1.0	2	-	-	-	-	2	-	-					
isease, &c.	-	72.0	85	-	-	7	12	30	35	1	4. Hanging	1.8	2	-	-	-	2	-	-	-					
DER 3.											5. Otherwise	1.4	4	-	-	-	2	-	-	-					
itis	-	12.0	11	6	4	1	-	-	-	-	ORDER 5.														
itis	-	173.3	206	53	45	1	5	32	56	14	(EXECUTION.)														
	-	4.6	3	-	-	-	-	1	2	-	1. Hanging	.1	-	-	-	-	-	-	-	-					
onia	-	90.3	89	23	26	7	9	14	4	1	ViolentDeaths(not classed)	.6	1	-	-	1	-	-	-	-					
	-	9.8	10	-	-	1	-	4	4	1	Sudden Deaths (Cause	1.2	-	-	-	-	-	-	-	-					
isease, &c.	-	18.2	24	4	4	-	7	4	5	-	unascertained)														
DER 4.											Causes not specified or	3.7	7	4	-	-	-	1	2	-					
	-	2.0	1	-	-	-	-	1	-	-	ill-defined														
	-	4.5	4	3	1	-	-	-	-	-															
itis	-	5.5	6	-	-	1	2	1	2	-															
	-	1.5	1	-	-	1	1	-	1	-															
on of Intestines	-	2.6	1	-	-	-	1	-	-	-															
	-	4.7	2	-	-	-	1	1	-	-															
	-	3.2	4	1	-	-	-	1	-	2															
ception	-	1.1	2	1	-	1	-	-	-	-															

Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET, during the Week ending

REGISTRATION SUB-DISTRICTS.		Enu- mer- ated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include													Inquest Cases.	
					Deaths of		Deaths from												
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhea.	Violence.			
LONDON - - -		3,254,260	2475	1532	356	316	68	41	25	6	46	4	17	5	11	65	116		
WEST DISTRICTS - - -		561,359	372	251	50	56	2	4	9	-	4	1	1	2	3	10	14		
NORTH DISTRICTS - - -		751,729	545	356	78	87	36	3	5	1	14	1	2	1	2	14	24		
CENTRAL DISTRICTS - - -		334,369	213	174	38	37	-	10	1	-	2	-	2	1	-	15	27		
EAST DISTRICTS - - -		639,111	535	294	74	57	10	10	2	3	15	-	3	-	3	17	36		
SOUTH DISTRICTS - - -		967,692	810	457	116	79	20	14	8	2	11	2	9	1	3	9	15		
WEST DISTRICTS.																			
St. Mary Paddington WH - - -		58728	40	24	3	8	2	-	-	-	2	-	-	1	1	-	-		
St. John Paddington H - - -		38085	7	13	1	4	-	-	-	-	-	-	-	-	-	-	-		
Kensington Town W - - -		91645	66	34	8	8	-	-	-	-	1	-	-	1	-	-	-		
Brompton H - - -		28654	19	11	3	3	-	-	-	-	-	-	-	-	-	1	2		
St. Peter Hammersmith - - -		6662	12	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. Paul Hammersmith H - - -		36029	41	13	4	2	-	-	1	-	-	-	-	-	1	1	-		
Fulham WwH - - -		23350	27	18	1	8	-	-	3	-	-	-	-	-	-	-	-		
Chelsea South HHH - - -		26420	17	15	2	7	-	-	1	-	-	-	-	-	-	-	-		
Chelsea North-west WHHHH - - -		22926	12	10	1	1	-	-	-	-	-	1	-	-	-	-	-		
Chelsea North-east - - -		21392	26	8	5	-	-	-	-	-	-	-	-	-	-	-	-		
Hanover Square H - - -		18698	4	4	2	1	-	-	-	-	-	-	-	-	-	1	2		
May Fair WW - - -		13358	1	3	1	1	-	-	-	-	-	-	-	-	-	-	-		
Belgrave HH - - -		5772	26	36	6	2	-	3	3	-	-	-	-	-	-	3	3		
St. John Westminster HH - - -		38478	22	15	4	2	-	-	1	-	-	-	1	-	-	1	2		
St. Margaret Westminster WH - - -		27781	16	20	3	3	-	-	-	-	1	-	-	-	-	2	-		
Golden Square WH - - -		12860	12	11	2	5	-	-	-	-	-	-	-	-	-	-	-		
Berwick-street H - - -		20759	13	8	1	1	-	1	-	-	-	-	-	-	1	-	-		
St. Anne Soho HHHHH - - -		17562	11	7	2	-	-	-	-	-	-	-	-	-	-	-	-		
NORTH DISTRICTS.																			
All Souls Marylebone HHHH - - -		28579	19	20	3	4	-	-	-	-	-	-	-	-	-	2	2		
Cavendish Square HH - - -		15425	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Rectory Marylebone WH - - -		26384	17	17	1	7	-	-	-	-	-	-	-	-	-	-	-		
St. Mary Marylebone HHH - - -		21786	26	8	1	3	-	-	-	-	-	-	-	-	-	-	-		
Christchurch Marylebone H - - -		33944	21	15	4	3	-	-	-	-	1	-	-	-	-	-	-		
St. John Marylebone H - - -		33136	21	14	5	3	-	-	-	-	-	-	-	-	-	2	3		
Hampstead WwHH - - -		32281	15	25	-	2	14	-	1	-	-	-	-	-	-	1	1		
Regent's Park Pancras - - -		38200	30	10	1	2	-	-	-	-	-	-	-	-	-	-	-		
Tottenham-court wHHH - - -		29370	10	16	2	5	-	-	-	-	-	-	-	-	-	1	2		
Gray's Inn Lane HH - - -		29221	13	11	3	3	-	-	-	-	1	-	-	-	-	-	-		
Somers Town - - -		38533	20	14	5	2	-	-	-	-	2	-	-	-	-	2	1		
Camden Town WH - - -		17943	26	9	-	4	-	-	1	-	-	-	-	-	-	-	-		
Kentish Town w - - -		68198	53	27	7	6	1	1	-	-	2	-	-	-	1	1	-		
Islington West HHH - - -		97820	66	44	11	10	5	-	1	-	3	1	1	-	-	3	5		
Islington East WwvH - - -		115958	101	53	18	18	-	1	1	-	3	-	-	-	-	1	2		
Stoke Newington H - - -		9841	10	4	1	1	-	-	-	-	-	-	-	-	-	-	-		
Stamford Hill - - -		6598	3	3	-	1	1	-	-	-	-	-	-	-	-	-	-		
West Hackney - - -		28069	20	17	5	4	2	-	-	-	1	-	1	-	1	-	-		
Hackney WwvHL - - -		50104	46	41	10	5	13	1	-	-	1	-	-	-	-	-	1		
South Hackney - - -		30339	26	8	1	4	-	-	-	-	-	-	-	-	-	-	-		
CENTRAL DISTRICTS.																			
St. George Bloomsbury - - -		17853	4	5	-	3	-	-	-	-	-	-	-	-	-	1	1		
St. Giles South WH - - -		19109	15	14	2	3	-	1	-	-	-	-	-	-	-	2	3		
St. Giles North - - -		16594	14	8	4	1	-	1	-	-	-	-	-	-	-	-	-		
Long Acre - - -		11379	8	5	2	2	-	-	-	-	-	-	-	-	-	1	3		
Charing Cross HH - - -		9859	5	8	-	2	-	-	-	-	-	-	-	-	-	-	-		
St. Mary-le-Strand - - -		9378	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
St. Clement Danes H - - -		10723	5	6	1	1	-	-	-	-	-	-	-	-	-	-	-		
St. George-the-Martyr HHHHH - - -		20521	13	6	4	-	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew Eastern W - - -		13529	4	12	2	4	-	-	-	-	-	-	-	-	-	-	-		
Saffron Hill H - - -		9066	3	6	2	2	-	-	-	-	-	-	-	-	-	-	-		
St. James Clerkenwell W - - -		18917	9	4	-	1	-	-	-	-	-	-	-	-	-	-	-		
Amwell Clerkenwell - - -		16884	11	7	3	-	-	-	-	-	1	-	-	1	-	-	-		
Pentonville - - -		13337	8	7	1	1	-	-	-	-	-	-	-	-	-	-	-		
Goswell-street - - -		16242	19	7	2	2	-	-	-	-	-	-	-	-	-	-	-		
Old-street H - - -		12161	11	5	1	1	-	1	1	-	-	-	-	-	-	-	-		
City-road HHL - - -		18301	26	11	4	-	-	-	1	-	-	-	-	-	-	1	-		
Whitecross-street - - -		13792	9	13	4	2	-	-	3	-	-	-	-	-	-	-	-		
Finsbury - - -		10741	5	6	3	1	-	-	-	-	-	-	-	-	-	-	-		
St. Botolph East London H - - -		14540	8	4	-	1	-	-	-	-	-	-	-	-	-	-	-		
Cripplegate - - -		13638	6	5	1	1	-	1	1	-	-	-	-	-	-	-	-		
St. Sepulchre H - - -		7562	4	25	1	3	-	1	-	-	-	-	1	-	-	6	7		
St. Bride W - - -		11185	8	3	1	1	-	-	-	-	-	-	-	-	-	-	-		
Castle Baynard - - -		4423	1	1	-	1	-	-	-	-	-	-	-	-	-	1	-		
Christchurch - - -		6270	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
Queenhithe - - -		4753	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-		
Allhallows Barking - - -		5764	1	1	-	-	-	-	-	-	1	-	-	-	-	-	-		
Broad-street H - - -		7845	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-		

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see at the foot of next page.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 21st April 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enume- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
						Deaths of		Deaths from									Inquest Cases.	Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
	LONDON—OUTER RING	368,414	631,381	499	269	73	76	5	3	4	1	7	2	6	7	15	33	
29: 1	Carshalton <i>W</i> - - -	12228	13523	8	7	2	2	-	-	-	-	-	-	-	-	-	-	
2	Epsom (<i>part of</i>) * <i>WH</i> -	9971	9145	9	3	-	2	-	-	-	-	-	-	-	-	1	1	
36: 1	Godstone (<i>part of</i>) * - -	2754	900	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
37: 1	Croydon <i>WWH</i> - - -	20851	71319	52	24	5	5	-	-	-	-	3	-	-	1	1	2	
2	Mitcham <i>WH</i> - - -	11697	12534	11	4	1	1	-	-	-	-	-	-	1	-	-	-	
38: 1	Wimbledon <i>HH</i> - - -	3220	9087	6	1	-	-	-	-	1	-	-	-	-	-	-	-	
2	Kingston <i>WH</i> - - -	8549	27489	18	11	1	2	-	-	-	-	-	-	-	2	3	2	
3	Esher (<i>part of</i>) * - - -	6601	7353	3	4	3	1	-	-	-	-	-	-	1	-	-	-	
4	Hampton - - -	4573	10185	6	4	-	2	-	-	-	-	-	-	-	-	-	-	
39: 1	Richmond <i>WH</i> - - -	2271	16829	14	3	1	1	-	-	-	-	-	-	-	-	-	1	
2	Mortlake - - -	2961	9316	6	5	2	3	-	-	-	-	-	-	-	-	-	-	
40: 1	Bromley (<i>part of</i>) * <i>HH</i> -	15669	19509	17	8	3	1	-	-	-	-	-	-	1	2	2	-	
2	Chislehurst (<i>part of</i>) * <i>W</i> -	13665	10028	6	3	-	1	-	-	-	-	-	-	-	-	-	-	
41: 1	Bexley <i>H</i> - - -	13439	19566	13	10	1	4	1	2	-	-	-	1	-	-	-	-	
123: 1	Sunbury <i>W</i> - - -	11055	9860	7	4	2	2	-	-	-	-	-	-	-	-	-	-	
2	Staines <i>W</i> - - -	13277	10339	4	2	1	1	-	-	-	-	-	-	1	-	-	-	
124: 1	Hillingdon <i>WH</i> - - -	6029	9712	5	1	-	1	-	-	-	-	-	1	-	-	-	-	
2	Uxbridge - - -	6178	5329	4	2	-	2	-	-	-	-	-	-	-	-	-	-	
3	Hayes <i>WL</i> - - -	14587	10497	7	9	1	3	-	-	-	-	-	-	-	-	1	6	
125: 1	Isleworth <i>W</i> - - -	7008	19930	12	7	4	1	-	-	-	-	-	-	-	-	-	1	
2	Twickenham - - -	2477	10533	8	4	2	1	-	-	-	-	-	-	-	1	2	-	
3	Brentford <i>HL</i> - - -	4370	20279	14	9	2	4	-	-	-	1	1	-	-	-	-	1	
4	Chiswick - - -	1311	8508	7	4	2	1	-	-	-	-	-	-	1	-	-	-	
5	Acton <i>WH</i> - - -	6087	12683	16	3	2	1	-	-	-	-	-	-	-	-	-	-	
126: 1	Harrow <i>H</i> - - -	13809	10869	7	4	-	3	-	-	-	-	-	-	-	-	-	-	
2	Edgware - - -	6994	3450	-	1	-	1	-	-	-	-	-	-	-	-	-	-	
3	Willesden - - -	4383	15869	21	4	-	-	-	-	1	-	-	-	-	1	1	-	
4	Hendon <i>WH</i> - - -	3382	6972	5	-	-	-	-	-	-	-	-	-	-	-	-	-	
127: 1	South Mimms - - -	15419	5924	9	1	-	-	-	-	-	-	-	-	-	-	-	-	
2	Barnet <i>W</i> - - -	5423	7752	4	2	-	-	-	-	-	-	-	-	-	-	-	-	
3	Finchley <i>L</i> - - -	4688	11493	5	15	-	4	-	-	-	-	-	-	-	-	1	10	
128: 1	Hornsey <i>H</i> - - -	3039	19357	17	10	5	2	-	1	-	-	1	-	-	-	1	-	
2	Tottenham <i>H</i> - - -	4642	22869	18	6	3	1	-	-	-	-	-	-	-	-	-	-	
3	Edmonton <i>WW</i> - - -	7483	13860	12	9	4	2	-	-	-	-	-	-	-	-	1	2	
4	Enfield <i>WH</i> - - -	12653	16054	-	5	-	2	-	-	-	-	-	-	-	-	-	-	
5	Waltham Abbey - - -	11017	5197	2	4	-	-	-	-	-	-	-	-	-	-	-	-	
6	Cheshunt - - -	8493	7518	2	2	-	2	-	-	-	-	-	-	-	-	-	-	
134: 1	Hatfield (<i>part of</i>) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
136: 1	Bushey - - -	9028	6472	5	4	-	2	-	-	-	-	-	-	-	-	-	-	
185: 1	Stratford - - -	882	23286	34	10	3	3	-	-	-	-	-	-	-	-	-	-	
2	West Ham <i>WWWW</i> - - -	7345	44642	64	29	14	4	3	-	2	-	1	-	-	-	-	3	
3	Leyton <i>WW</i> - - -	4274	15513	16	7	1	3	1	-	-	-	-	-	-	-	-	5	
4	Walthamstow <i>H</i> - - -	6619	15701	15	8	1	2	-	-	-	-	-	-	-	-	-	-	
186: 1	Chigwell (<i>part of</i>) * <i>H</i> -	10483	8169	3	5	2	1	-	-	-	-	1	-	-	-	-	-	
188: 1	Romford (<i>part of</i>) * - -	6730	2879	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Ilford - - -	8492	5947	4	6	5	-	-	-	-	-	-	-	1	-	-	-	
3	Barking Town - - -	4128	6576	1	5	-	2	-	-	-	-	-	-	-	-	1	-	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:— 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134: 1, only the parish of Northaw in Hatfield sub-district; 136: 1, the whole of the Chigwell sub-district, except the parish of Thoydon-Bols (pop. 798); 188: 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 21st April, 1877.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from									Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.		
GREATER LONDON	446,494	4,367,547	21·5	3·0	1801	429	392	73	44	29	7	53	28	17	72	327	
GREATER LONDON -	78,080	3,533,484	22·6	3·3	1532	356	316	68	41	25	6	46	26	11	65	294	
GREATER RING -	368,414	834,063	16·8	1·8	269	73	76	5	3	4	1	7	2	6	7	33	

—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 6·7 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 28 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA -	429,535	March	17	-	197	21·6	Fever 45; cholera 39.
BOMBAY -	644,405	"	13	-	656	52·9	Small-pox 56; cholera 23.
MADRAS -	397,552	"	20	-	694	56·0	Small-pox 44; cholera 27.
PARIS -	1,351,792	"	9	-	1111	145·3	Small-pox 307; cholera 176.
GENEVA* -	67,829	April	19	-	1025	28·8	Typhoid fever 17; small-pox 3.
BRUSSELS -	188,609	"	14	43	35	26·9	Diphtheria and croup 2.
AMSTERDAM -	289,981	"	14	111	109	24·7	Small-pox 5; typhoid fever 2.
ROTTERDAM -	136,231	"	14	236	151	26·5	Typhoid fever and typhus 2; measles 5.
THE HAGUE -	104,095	"	14	91	69	26·2	—
COPENHAGEN -	215,000	"	14	75	43	21·5	—
STOCKHOLM -	144,305	"	10	189	104	25·2	Diphtheria 3; whooping-cough 4.
CHRISTIANIA -	79,000	"	7	-	91	32·8	Scarlet fever 6; typhoid fever 5.
BERLIN -	997,269	"	14	68	36	23·7	Scarlet fever 2.
HAMBURG (State)	393,588	March	31	737	538	28·1	Scarlet fever 12; diphtheria 22; typhus 6.
DRESDEN -	202,295	April	7	-	171	24·9	Scarlet fever 3.
BRESLAU -	246,813	"	7	-	87	22·3	Scarlet fever 5; diphtheria and croup 2.
MUNICH -	209,000	"	14	203	126	25·5	—
VIENNA -	714,548	"	14	-	-	-	—
BUDA-PESTH -	315,401	"	14	593	421	30·6	Small-pox 22; diphtheria 7.
ROME -	272,560	"	7	283	270	44·5	Small-pox 4; scarlet fever 2.
NAPLES -	454,948	March	31	129	129	24·6	Small-pox 3; diphtheria and croup 11.
TURIN -	223,488	April	1	-	-	-	—
VENICE -	139,796	"	7	114	120	27·6	Diphtheria and croup 7.
ALEXANDRIA -	212,034	"	7	64	67	24·9	Typhoid fever 2.
NEW YORK -	1,077,223	"	7	155	180	44·3	Whooping-cough 13; small-pox 5.
BROOKLYN -	527,830	March	24	-	493	24·0	Scarlet fever 19; diphtheria 19.
PHILADELPHIA -	850,856	"	24	-	221	21·5	Scarlet fever 16; diphtheria 20.
BOSTON -	352,000	"	31	-	-	-	—
		"	24	-	142	20·3	Diphtheria 5; croup 7.

* With suburbs, including Genf, Plain-palais, and Eaux-Vives.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 21st APRIL, 1877.

[Under the Superintendence of the Astronomer Royal.]

MOON.		BARO-METER.		READINGS OF THERMOMETERS.							DIFFERENCE				WIND.					RAIN.			
Phases of Moon.		Mean daily reading (corrected to reduced to 32° Fahr. height).		Dry.		Dew Point.		Highest in the sun, as shown by a self-registering thermo-meter with bulb in vacuo, placed on the Grass.		Lowest on the Grass, as shown by a self-registering thermo-meter.		Between Dew Point Temperature and Air Temperature		Degree of humidity, complete saturation being represented by 100.		As deduced from Anemometers.					Collected in a Gauge whose receiving surface is 5 in. above the ground.		
				High-est.	Low-est.	Range in day.	Mean daily value.	Mean daily value.	Mean daily value.	Highest.	Lowest.	Mean daily value.	Great-est.	Least.	Mean of 24 Obs.	General Direction.		Presure square foot		Amount of Horizontal Movement of Air each day.		Depart-ure from Average of 16 years.	
				est.	est.	est.	est.	est.	est.	est.	est.	est.	est.	est.	est.	A. M.		P. M		Great-est.		Least.	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those given by the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending December 31, 1845.—See *Phil. Trans.*, part 1, 1848. The mean daily wet bulb thermometer values are deduced from those mean daily values of the dry and mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 22 feet below the surface. The readings of these instruments are registered under the supervision of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 30.06 in. at the beginning of the week to 29.40 in. by 9h. P.M. on the 17th, increased to 30.07 in. by 9h. A.M. on the 20th; and decreased to 29.61 in. by the end of the week.

SKY AND ATMOSPHERE.

DATE.	Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY 15		1·0	13·8	Fine but cloudy throughout.
MONDAY 16		0·4	13·9	The sky was generally covered with thin cloud till about 1h. P.M.; afterwards the amount of cloud varied. Solar halo seen generally between 9h. A.M. and 3h. P.M. A gale of wind.
TUESDAY 17	The electrical apparatus was under examination.	3·0	13·9	Generally cloudy. Occasional showers of snow and rain in afternoon and evening. A gale of wind.
WEDNESDAY 18		0·0	14·0	Overcast. Rain in early morning, and slight rain at night.
THURSDAY 19		4·6	14·1	Rain fell in the early morning hours; fine and partially cloudy during the day; cloudless at night.
FRIDAY 20		5·1	14·1	A fine day; partially cloudy. Lunar halo in evening.
SATURDAY 21	No electricity was shown.	0·0	14·2	Overcast. Frequent rain.
..	..	Sum 14·1	Sum 98·0	

WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 17. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, APRIL 28. [Price 1½d.

*General Register Office, Somerset House,
30th April, 1877.*

UNITED KINGDOM.

DURING last week 6125 *births* and 3794 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2331. The mortality from all causes was at the average rate of 24 deaths annually in every 1000 persons living. The annual death-rate was 21 per 1000 in Edinburgh, 26 in Glasgow, and 29 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow :—Plymouth 15, Portsmouth 18, Sheffield 19, Brighton 19, Hull 22, Norwich 22, Leicester 22, Newcastle-upon-Tyne 22, London 23, Bristol 23, Leeds 24, Sunderland 24, Birmingham 26, Bradford 26, Wolverhampton 27, Liverpool 28, Manchester 28, Nottingham 29, Salford 33, and Oldham 38. The annual death-rate from the seven principal zymotic diseases averaged 3·0 per 1000 in the twenty towns, and ranged from 0·5 and 0·7 in Brighton and Plymouth, to 5·8 and 7·4 in Oldham and Salford. Three more deaths from typhus were recorded in the Bristol City Workhouse. The fatal cases of small-pox in the twenty towns, which had been 77 and 81 in the two preceding weeks, further rose to 97 last week, of which 89 occurred in London, 6 in Liverpool, one in Salford, and one in Oldham.

LONDON.

In LONDON 2535 BIRTHS and 1557 DEATHS were registered. Allowing for increase of population, the births exceeded by 20, and the deaths by 82, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the four preceding weeks had declined from 30·3 to 22·6 per 1000, was last week 23·0.

The 1557 deaths included 89 from small-pox, 47 from measles, 14 from scarlet fever, 3 from diphtheria, 30 from whooping-cough, 18 from different forms of fever, and 12 from diarrhœa; thus to the seven principal diseases of the zymotic class 213 deaths were referred, against 208 and 223 in the two preceding weeks. These 213 deaths were 19 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 3·1 per 1000. The 47 fatal cases of measles showed an increase of six upon those returned in the previous week, and exceeded the corrected average by 15; 12 occurred in the Central and 18 in the South groups of districts, including 3 in St. Giles', 5 in St. Luke's, 8 in Southwark, and 6 in Lambeth. Only 14 deaths from scarlet fever were registered, of which 3 occurred in Walworth and 3 in Deptford. The 30 fatal cases of whooping cough showed a considerable decline from the numbers in recent weeks, but included 4 in Pancras and 3 in Walworth. The 18 deaths referred to fever, were 17 below the corrected weekly average; 4 were certified as typhus, 11 as enteric or typhoid, and 3 as simple continued fever. Two fatal cases of typhus were recorded in the Westminster Union Workhouse, one in Mile End, and one (admitted from Soho) in the Stockwell Fever Hospital.

The fatal cases of small-pox, which had been 78, 60, and 68 in the three preceding weeks, further rose to 89 last week, a higher number than has been returned in any week since the middle of March; 41 were certified as unvaccinated, 14 as vaccinated, and 34 were "not stated" as to vaccination. The 89 included 49 which were recorded in the Metropolitan Asylum Hospitals, and 8 in the Highgate Small Pox Hospital; the remaining 32 fatal cases occurred in private dwellings. Excluding one extra-Metropolitan case, and distributing the other 56 fatal hospital

cases, it appears that 10 of the deceased small-pox patients had resided in Southwark, 9 in Bow, 7 in Hackney, 6 in Marylebone, 6 in Islington, 6 in Bethnal Green, 5 in Lambeth, and 5 in Camberwell; in all, 5 belonged to the West, 23 to the North, 4 to the Central, 30 to the East, and 26 to the South groups of Districts. The fatal cases showed a marked increase in North, East, and South London. Three children of a carpenter, aged 9 years, 6 years, and 4 months, died within three days of each other of small-pox in Percy Terrace, Hackney, all being "not stated" as to vaccination; and in Peckham the deaths of four children were referred to the same disease, the medical certificates relating to which contained no information as to vaccination.

The Metropolitan Asylum District Hospitals contained 824 small-pox patients on Saturday last, against numbers declining from 988 to 881 in the four preceding weeks. The number of new small-pox cases admitted during the week was 207, against 228 and 161 in the two previous weeks.

The deaths referred to diseases of the respiratory organs, which in the four previous weeks had declined from 645 to 343, were 349 last week, and exceeded the corrected weekly average by 60.

Different forms of violence caused 51 deaths; 43 were the result of negligence or accident, including 13 from fractures and contusions, 7 from burns and scalds, 4 from drowning, 2 from poison, and 10 of infants under one year of age from suffocation. Two deaths were caused by horses or vehicles in the streets. A death in the Lock Hospital resulted from "failure of heart's action whilst under chloroform for operation." The death of a bricklayer in the London Hospital, aged 24 years, was referred to hydrophobia.

In the large Public Institutions 346 deaths were recorded, or 22 per cent. of the total deaths; of these, 221 occurred in Workhouse Establishments, 110 in Hospitals, and 15 in Lunatic Asylums.

GREATER LONDON.

In Greater London 3022 births and 1824 deaths were registered, equal to annual rates of 36·1 and 21·8 per 1000 of the population. The fatal cases of small-pox in the Outer Ring, which had been 16 and 5 in the two preceding weeks, further declined to 3, of which 2 occurred in West Ham, and one in Croydon. Four deaths from measles were registered in Kingston.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 28, Bombay 55, Madras 146; Paris 29; Geneva 26; Amsterdam 28, Rotterdam 30, The Hague 22; Copenhagen 24; Stockholm 32; Christiania 18; Berlin 25, Dresden 25, Breslau 26, Munich 31; Vienna 30, Budapesth 41; Rome 31, Naples 30, Turin 29, Venice 15, Alexandria 37; New York 21, Brooklyn 20, Philadelphia 23, and Boston 21. The 1120 deaths in Madras included 387 fatal cases of small-pox, and 132 of cholera.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·59 in.; the lowest reading was 29·37 in. on Monday afternoon, and the highest 29·80 in. on Thursday evening. The mean temperature of the *air* was 44°·7, and 3°·7 below the average in the corresponding week of the 60 years 1814-73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean on Sunday 22nd was 51°·5, and 3°·7 above the average, whereas it was considerably below the average on each of the other days of the week, and on Thursday was only 41°·4, and in defect by 7°·1. The lowest night temperature was 33°·6 on Wednesday, and the highest day temperature in the shade 61°·9 on Sunday 22nd April; the extreme range in the week was, therefore, 28°·3. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 115°·3 on Tuesday. The difference between the mean *dew-point* and *air* temperature averaged 6°·7. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 48°·3. The mean degree of *humidity* of the air was 78, complete saturation being represented by 100. The direction of the *wind* was variable, and the horizontal movement of the air averaged 12·1 miles per hour, which was 0·7 above the average in the corresponding week of 16 years. *Rain* fell on three days during the week, to the aggregate amount of 0·08 of an inch. The duration of registered sunshine in the week was 26·6 hours, out of 100·9 hours during which the sun was above the horizon.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames was 298,286 cubic metres at Crossness, and 349,744 cubic metres at Barking, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

TABLE 1. BIRTHS and DEATHS registered, and METEOROLOGY,* during the Week ending Saturday the 28th day of April 1877, in the following large TOWNS.

CITIES AND ROUGHS. (Local Boundaries, for LONDON and DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 28th April 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.		In Inches.	In Centimetres.
TOWNS in the UNITED KINGDOM	212,881	8,144,940	38·3	6125	3794	71·8	29·0	43·7	6·50	0·53	1·35
W - - -	75,362	3,533,484	46·9	2535	1557	61·9	33·6	47·8	8·78	0·08	0·20
ON - - -	2,354	102,264	43·4	56	38	57·8	35·9	44·8	7·12	0·33	0·84
OUTH - - -	4,486	127,144	28·3	94	45	71·8	38·2	49·3	9·61	0·62	1·57
CH - - -	7,472	84,023	11·2	52	35	54·2	35·0	48·0	6·11	0·67	1·70
UTH - - -	1,395	72,911	52·3	43	21	59·0	38·5	46·9	8·28	0·66	1·68
L - - -	4,452	202,950	45·6	172	91	59·7	33·9	44·3	6·84	0·60	1·52
HAMPTON -	3,396	73,389	21·6	63	38	-	-	-	-	-	-
GHAM - -	8,400	377,436	44·9	348	186	59·0	32·4	42·6	5·90	0·30	0·76
EE - - -	3,200	117,461	36·7	88	50	60·5	33·0	42·9	6·06	0·21	0·53
GHAM - -	1,996	95,025	47·6	77	53	61·8	29·4	42·9	6·06	0·89	2·26
COL - - -	5,210	527,083	101·2	393	285	54·0	36·9	42·7	5·95	0·23	0·58
ESTER - -	4,293	359,213	83·7	296	196	-	-	-	-	-	-
D - - -	5,170	141,184	27·3	129	89	54·7	32·3	41·8	5·48	0·30	0·76
M - - -	4,666	89,796	19·2	94	66	-	-	-	-	-	-
ORD - - -	7,220	179,315	24·8	127	89	50·4	37·2	41·4	5·22	1·01	2·57
- - -	21,572	293,189	13·8	227	137	52·0	38·0	42·4	5·78	1·28	3·25
WELD - -	19,651	282,130	14·4	225	105	53·0	31·0	41·5	5·28	0·62	1·57
- - -	3,635	140,002	38·5	121	58	-	-	-	-	-	-
LAND - -	3,306	110,382	33·4	107	51	-	-	-	-	-	-
TTLE-ON-TYNE	5,371	142,231	26·5	91	61	-	-	-	-	-	-
RGH - - -	4,191	218,729	52·2	151	87	46·4	31·0	39·3	4·06	0·68	1·73
W - - -	6,033	555,933	92·1	453	281	-	-	-	-	-	-
- - -	10,050	314,666	31·3	183	175	56·8	29·0	45·8	7·67	0·05	0·13

*Names of the Meteorological Observers in the several towns, see note at foot of Table 4.

†Figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by addition of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,055,612 persons, and in DUBLIN, during the Week ending Saturday the 28th day of April 1877.

BOUGHS, &c.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from											
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhea.	Violence.				
20 TOWNS -	24·0	3·0	3251	776	678	97	77	42	12	107	43	31	114	175	553		
- - -	23·0	3·1	1557	345	342	89	47	14	3	30	18	12	51	87	346		
ON - - -	19·4	0·5	38	8	8	-	-	1	-	-	-	-	2	1	7		
OUTH - - -	18·5	1·6	45	9	14	-	1	-	-	1	1	1	1	1	9		
CH - - -	21·7	3·1	35	5	12	-	1	2	1	-	1	-	3	3	3		
UTH - - -	15·0	0·7	21	7	7	-	-	-	-	-	-	1	2	4	2		
- - -	23·4	3·6	91	26	20	-	1	1	-	8	3	1	2	2	12		
HAMPTON -	27·0	3·6	38	9	10	-	-	2	-	-	1	2	-	-	6		
GHAM - -	25·7	2·2	186	55	37	-	5	2	2	2	3	2	9	12	33		
EE - - -	22·2	2·2	50	14	11	-	1	-	-	4	-	-	1	1	7		
GHAM - -	29·1	1·1	53	11	16	-	-	-	-	2	-	-	1	5	6		
DOL - - -	28·2	3·6	285	85	45	6	1	-	1	19	6	3	11	11	34		
ESTER - -	28·5	3·6	196	33	35	-	4	5	1	10	3	2	7	17	27		
D - - -	32·9	7·4	89	17	11	1	9	3	-	4	3	-	5	8	7		
M - - -	38·4	5·8	66	22	9	1	1	1	-	7	-	-	3	4	-		
RD - - -	25·9	1·2	89	23	24	-	-	-	-	2	1	1	-	-	4		
- - -	24·0	2·6	137	40	24	-	4	2	1	7	1	-	4	5	9		
WLD - - -	19·4	2·0	105	26	17	-	-	2	-	8	1	-	1	1	14		
- - -	21·6	1·9	58	11	18	-	1	1	-	-	-	3	4	5	9		
LAND - -	24·1	4·7	51	11	8	-	-	4	3	1	1	1	4	5	8		
TTLE-ON-TYNE	22·4	2·6	61	19	10	-	1	2	-	2	-	2	3	3	10		
- - -	29·0	4·3	175	35	45	1	8	2	-	6	5	4	2	2	49		

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the SEVENTEENTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2385	2307	2165	2268	2250	2316	2359	2459	2449	2546	2350·4	2535
Males . .	1240	1200	1092	1173	1161	1167	1195	1272	1207	1328	1203·5	1346
Females . .	1145	1107	1073	1095	1089	1149	1164	1187	1242	1218	1146·9	1189
TOTAL Deaths	1280	1378	1288	1394	1469	1415	1252	1256	1532	1524	1378·8	1557
Males . .	702	714	682	712	745	702	652	653	780	810	715·2	803
Females . .	578	664	606	682	724	713	600	603	752	714	663·6	754

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867–76, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Feb. 3.	Feb. 10.	Feb. 17.	Feb. 24.	Mar. 3.	Mar. 10.	Mar. 17.	Mar. 24.	Mar. 31.	Apr. 7.	Apr. 14.	Apr. 21.	Apr. 28.
TOTAL Deaths - - -	1528	1504	1462	1495	1529	1782	1800	1802	2052	1922	1714	1532	1557
0—20 - - -	673	648	653	675	702	810	850	766	898	877	778	740	722
20—40 - - -	214	215	234	206	232	269	247	270	277	242	233	219	212
40—60 - - -	292	262	248	289	258	326	277	301	380	323	314	257	281
60—80 - - -	289	317	263	263	289	313	338	382	417	391	315	264	289
at 80 years & upwds.	60	62	64	62	48	64	88	83	80	89	74	52	58
Deaths of children { Under 1 year -	337	317	334	323	334	372	392	385	420	380	378	356	345
{ 1—5 - - -	241	212	215	259	246	306	331	269	361	372	277	272	277
{ 5—20 - - -	95	119	104	93	122	132	127	112	117	125	123	112	100
Deaths from 7 principal Zymotic Diseases {	231	207	187	208	212	213	231	201	243	253	208	223	213
„ „ Small-pox - - -	103	90	72	104	84	96	100	76	86	78	60	68	89
„ „ Measles - - -	22	21	18	14	23	33	44	32	53	50	58	41	47
„ „ Scarlet fever - -	23	14	19	16	23	17	15	17	27	16	18	25	14
„ „ Diphtheria - - -	4	7	6	5	4	4	5	3	8	4	5	6	3
„ „ Whooping-cough -	41	44	38	38	40	28	36	37	48	69	42	46	30
„ „ Typhus fever - - -	5	2	7	2	1	2	1	4	1	3	2	4	4
„ „ { Enteric (or Typhoid) fever - }	14	11	9	11	13	20	15	18	10	19	8	17	11
„ „ { Simple Contag fever - }	1	7	2	4	2	3	5	3	3	5	2	5	3
„ „ Diarrhoea - - -	18	11	16	14	22	10	10	11	7	9	13	11	12
„ „ Simple Cholera - -	-	-	-	-	-	-	-	-	-	1	-	-	-
„ „ Dis. of Respiratory Organs - }	375	381	355	303	355	452	498	575	645	554	420	348	349
„ „ Phthisis - - -	156	173	166	168	169	226	189	201	224	208	199	162	167
„ „ Heart Diseases - -	95	101	96	84	95	102	102	103	114	111	89	91	88
Violent Deaths - - -	45	51	45	54	46	59	52	51	60	54	59	65	51
Inquest Cases - - -	95	111	83	120	90	114	106	94	130	109	129	116	87
Deaths in Public Institutions	319	317	275	329	311	387	349	350	367	332	334	294	346
TEMPERATURE OF THE AIR:													
Mean - - -	43·0	46·3	46·4	40·4	39·1	36·9	41·7	37·7	46·4	47·8	46·9	42·5	44·7
Mean of Highest readings -	48·7	52·2	51·8	45·8	46·6	42·7	49·0	47·3	55·1	57·5	55·9	49·8	54·4
Mean of Lowest readings -	36·7	40·5	42·2	35·7	33·2	32·9	34·8	30·1	40·2	41·7	41·6	37·0	37·6
Mean Temperature of the Water of the Thames - }	41·0	44·1	47·5	44·4	41·3	41·8	41·0	42·7	44·9	49·4	50·9	48·9	48·3
Humidity of the Air - - -	84	85	82	79	75	80	73	81	82	82	83	76	78
Rain-fall in inches - - -	0·42	0·06	0·78	0·68	0·31	0·47	0·07	0·56	0·91	0·85	1·73	0·35	0·08
Registered Sunshine (in hours)	5·3	2·3	9·3	9·8	17·0	17·4	26·5	26·7	24·8	20·4	9·4	14·1	26·6

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the SEVENTEENTH Week of the Year 1877.

CAUSE OF DEATH.		Average in the Seventeenth Weeks of the 10 years 1867-76.	In the Week ending Saturday, April 28, 1877.										CAUSES OF DEATH.		Average in the Seventeenth Weeks of the 10 years 1867-76.	In the Week ending Saturday, April 28, 1877.									
			Deaths of Persons of the Ages													Deaths of Persons of the Ages									
			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	ALL AGES.	Under 20.				20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.						
				Mean Tem.	0-1.	1-5.						5-20.								Mean Tem.	0-1.	1-5.	5-20.		
Temperature	-	49° 5	44° 7	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	Mean Temperature	-	49° 5	44° 7	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.				
AGES	-	1378° 8	1557	345	277	100	212	281	289	53	9. Stricture of Intestines	-	° 6	-	-	-	-	-	-	-	-				
CAUSES	-	1373° 4	1555	344	276	100	212	281	289	53	10. Fistula	-	° 4	-	-	-	-	-	-	-	-				
DISEASES.	-										11. Stomach Disease, &c.	-	6° 3	3	-	1	-	1	1	-	-				
R 1.	-	36° 3	89	9	18	27	29	5	1	-	12. Pancreas Disease, &c.	-	-	-	-	-	-	-	-	-	-				
ver	-	29° 6	47	7	38	2	-	-	-	-	13. Hepatitis	-	3° 2	5	-	-	-	-	5	1	-	-			
	-	29° 9	14	-	5	8	1	-	-	-	14. Jaundice	-	3° 2	7	4	1	-	-	1	1	-	-			
	-	6° 6	3	1	2	-	-	-	-	-	15. Liver Disease, &c.	-	17° 4	20	-	-	-	6	7	6	1	-			
	-	° 5	1	-	1	-	-	-	-	-	16. Spleen Disease, &c.	-	° 3	-	-	-	-	-	-	-	-	-			
cough	-	11° 3	19	-	18	1	-	-	-	-	ORDER 5.	-													
	-	68° 2	30	14	15	1	-	-	3	-	1. Nephritis	-	2° 7	4	-	-	-	1	3	-	-	-			
Typhoid Fev.	-	33° 0	4	-	3	3	4	1	1	-	2. Ischuria	-	° 1	1	-	1	-	-	-	-	-	-			
ntinued Fev.	-	7° 0	3	-	1	-	1	1	1	-	3. Bright's Dis. (Nephria)	-	12° 4	10	-	-	-	3	5	2	-	-			
Fev. (Metria)	-	3° 6	4	-	-	1	3	-	-	-	4. Diabetes	-	2° 7	5	-	-	-	2	1	2	-	-			
	-	1° 1	1	-	-	-	-	-	1	-	5. Calculus (Stone)	-	° 6	2	-	-	1	-	-	1	-	-			
	-	° 5	1	-	-	-	-	-	1	-	6. Cystitis	-	° 9	3	-	-	-	2	1	1	-	-			
	-	1° 8	2	-	-	-	1	1	1	-	7. Kidney Disease, &c.	-	11° 0	8	-	-	-	3	4	1	-	-			
olera	-	12° 8	12	10	1	-	-	-	-	-	ORDER 6.	-													
Fever	-	° 3	-	-	-	-	-	-	-	-	1. Ovarian Dropsy	-	° 5	2	-	-	-	1	1	-	-	-			
ot Diseases	-	° 4	-	-	-	-	-	-	-	-	2. Uterus Disease, &c.	-	4° 2	5	-	-	-	1	3	1	-	-			
R 2.	-	7° 4	11	9	1	-	-	1	-	-	ORDER 7.	-													
f Urethra	-	1° 2	1	-	-	-	1	-	-	-	1. Synovitis (Arthritis)	-	° 2	1	1	-	-	-	-	-	-	-			
bia	-	-	-	-	-	-	-	-	-	-	2. Joint Disease, &c.	-	4° 3	14	-	3	5	1	2	3	-	-			
R 3.	-	° 2	-	-	-	-	-	-	-	-	ORDER 8.	-													
reast-milk-	-	7° 0	6	6	-	-	-	-	-	-	1. Phlegmon	-	2° 8	4	-	-	-	2	1	1	-	-			
nd Scurvy	-	2° 3	6	1	3	-	1	1	-	-	2. Ulcer	-	° 9	1	-	-	-	-	1	-	-	-			
el. Tremens	-	1° 8	-	-	-	-	-	-	-	-	3. Skin Disease, &c.	-	° 8	2	-	2	-	-	-	-	-	-			
ntemperance	-	° 9	1	-	-	-	1	-	-	-	IV. DEVELOPMENTAL DISEASES.	-													
R 4.	-	2° 5	3	3	-	-	-	-	-	-	ORDER 1.	-													
o.	-	° 3	-	-	-	-	-	-	-	-	1. Premature Birth	-	21° 2	23	23	-	-	-	-	-	-	-			
MUTATIONAL.	-										2. Cyanosis	-	2° 1	2	2	-	-	-	-	-	-	-			
R 1.	-	3° 3	6	-	-	-	-	4	2	-	3. Spina Bifida	-	° 9	-	-	-	-	-	-	-	-	-			
	-	9° 8	5	1	-	-	-	3	1	-	4. Other Malformations	-	1° 2	3	3	-	-	-	-	-	-	-			
Oris (Noma)	-	32° 1	38	-	-	-	2	20	14	2	5. Teething	-	14° 4	17	11	6	-	-	-	-	-	-			
ion	-	° 3	-	-	-	-	-	-	-	-	ORDER 2.	-													
R 2.	-	3° 3	2	1	-	-	-	1	-	-	1. Paramenia	-	° 1	-	-	-	-	-	-	-	-	-			
	-	10° 2	9	3	3	3	-	-	-	-	2. Childbirth (see Puer-}	-	6° 3	4	-	-	-	3	1	-	-	-			
enterica	-	21° 4	32	8	21	2	1	-	-	-	peral Fever)	-													
malus	-	171° 8	167	3	2	15	81	56	10	-	ORDER 3.	-													
	-	31° 8	33	12	16	5	-	-	-	-	1. Old Age	-	50° 2	52	-	-	-	-	-	26	26	-			
DISEASES.	-										ORDER 4.	-													
R 1.	-	20° 1	33	8	17	3	2	2	1	-	1. Atrophy and Debility	-	55° 8	69	56	4	-	-	1	8	-	-			
	-	39° 7	39	2	1	1	2	10	18	5	V. VIOLENT DEATHS, &c.	-													
	-	31° 5	25	-	-	-	1	7	16	1	ORDER 1.	-													
	-	2° 5	3	-	-	-	1	1	1	-	(ACCIDENT OR NEGLIGENCE.)	-													
	-	° 1	-	-	-	-	-	-	-	-	1. Fractures & Contusions	-	16° 4	13	-	1	-	6	3	2	1	-			
	-	6° 6	10	-	1	-	4	1	4	-	2. Wounds { Gunshot }	-	1° 0	1	-	-	-	-	1	-	-	-			
ase, &c.	-	51° 6	55	45	7	3	5	4	14	1	3. Burns and Scalds	-	4° 2	7	-	5	1	1	-	-	-	-			
R 2.	-	15° 7	29	1	1	3	5	4	14	1	4. Poison	-	1° 1	2	-	-	-	-	-	1	-	-			
	-	2° 0	3	-	-	1	2	-	-	-	5. Drowning	-	5° 4	4	-	-	1	2	-	1	-	-			
ase, &c.	-	68° 8	78	-	-	1	4	34	35	4	6. Suffocation	-	9° 6	13	10	2	1	-	-	-	-	-			
R 3.	-										7. Otherwise	-	1° 9	3	-	-	-	1	2	-	-	-			
	-	9° 7	14	8	4	-	-	-	2	-	ORDER 3.	-													
	-	150° 4	202	44	43	1	2	41	63	8	(HOMICIDE.)	-													
	-	5° 0	5	-	-	-	2	2	1	-	1. Murder & Manslaughter	-	1° 8	-	-	-	-	-	-	-	-	-			
ia	-	81° 0	93	21	23	5	14	17	12	1	ORDER 4.	-													
ase, &c.	-	7° 4	10	-	-	-	2	4	6	1	SUICIDE.)	-													
R 4.	-	16° 3	25	6	2	-	2	10	4	-	1. Wounds { Gunshot }	-	° 1	-	-	-	-	-	-	-	-	-			
	-	2° 0	5	-	-	-	-	3	2	-	2. Poison	-	1° 9	2	-	-	-	1	-	1	-	-			
	-	6° 0	5	2	2	-	-	-	1	-	3. Drowning	-	° 5	1	-	-	-	-	1	-	-	-			
	-	5° 2	10	2	1	2	1	1	3	-	4. Hanging	-	° 8	2	-	-	-	1	1	-	-	-			
h of Intestines	-	3° 0	1	-	-	-	1	-	-	-	5. Otherwise	-	1° 7	2	-	-	-	-	-	1	-	-			
	-	3° 5	2	-	-	-	1	1	-	-	ORDER 5.	-	° 9	1	-	-	-	-	-	-	-	-			
	-	3° 0	5	2	-	-	1	-	1	1	(EXECUTION.)	-													
	-	3° 8	1	1	-	-	-	-	-	-	1. Hanging	-	-	-	-	-	-	-	-	-	-	-			
ception	-	1° 1	1	1	-	-	-	-	-	-	Violent Deaths (not classed)	-	° 8	-	-	-	-	-	-	-	-	-			
	-										Sudden Deaths (Cause unascertained)	-	° 9	-	-	-	-	-	-	-	-	-			
	-										Causes not specified or ill-defined	-	4° 5	2	1	1	-	-	-	-	-	-			

Averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1877.

where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, TYPHUS, ENTERIC (or TYPHOID) FEVER, SIMPLE CONTINUED FEVER, DIARRHOEA, VIOLENCE, during the Week ending

		The DEATHS registered in the Week include																
REGISTRATION SUB-DISTRICTS.		Enu- mer- ated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	Deaths of		Deaths from											In- quest Cases.
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.		
LONDON		3,254,260	2535	1557	345	342	89	47	14	3	30	4	11	3	12	51	87	
WEST DISTRICTS		561,359	384	243	59	57	2	-	1	1	3	2	-	-	4	7	19	
NORTH DISTRICTS		751,729	584	389	77	81	48	8	3	1	7	-	3	-	-	14	20	
CENTRAL DISTRICTS		334,369	214	148	39	32	-	12	-	-	2	-	2	1	-	7	12	
EAST DISTRICTS		639,111	540	309	67	68	12	9	2	1	8	1	2	1	4	11	17	
SOUTH DISTRICTS		967,692	813	468	103	104	27	18	8	-	10	1	4	1	4	12	19	
WEST DISTRICTS.																		
St. Mary Paddington WH		58728	54	33	15	4	-	-	1	-	1	-	-	-	1	1	4	
St. John Paddington H		38085	14	15	1	2	-	-	-	-	1	-	-	-	-	1	1	
Kensington Town W		91645	76	37	13	6	1	-	-	-	-	-	-	-	1	-	6	
Brompton H		28654	22	20	2	9	-	-	-	-	-	-	-	-	-	-	-	
St. Peter Hammersmith		6662	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Paul Hammersmith H		36029	37	18	3	5	1	-	-	-	-	-	-	-	1	1	3	
Fulham WvH		23350	20	12	2	1	-	-	-	-	-	-	-	-	-	-	-	
Chelsea South HHH		26420	17	11	4	3	-	-	-	-	-	-	-	-	-	-	1	
Chelsea North-west WHHHH		22928	19	14	1	6	-	-	-	-	-	-	-	-	-	-	-	
Chelsea North-east		21392	13	8	3	2	-	-	-	-	-	-	-	-	-	-	-	
Hanover Square H		18698	8	3	-	2	-	-	-	-	-	-	-	-	-	1	1	
May Fair WW		13358	7	5	1	2	-	-	-	-	-	-	-	-	-	-	-	
Belgrave HH		57972	19	17	2	3	-	-	-	-	-	-	-	-	-	1	1	
St. John Westminster HH		38478	35	13	5	2	-	-	-	1	-	-	-	-	1	-	-	
St. Margaret Westminster WH		27781	11	14	1	6	-	-	-	-	-	-	-	-	-	1	1	
Golden Square WH		12860	7	5	1	2	-	-	-	-	-	2	-	-	-	-	1	
Berwick-street H		20759	11	7	3	1	-	-	-	-	-	-	-	-	1	-	-	
St. Anne Soho HHHHH		17562	11	11	2	1	-	-	-	-	1	-	-	-	-	-	-	
NORTH DISTRICTS.																		
All Souls Marylebone HHHH		28579	18	25	7	2	-	-	-	-	-	-	-	-	-	2	2	
Cavendish Square HH		15425	7	6	1	1	-	-	-	-	-	-	-	-	-	-	1	
Rectory Marylebone WH		26384	17	17	3	7	-	-	-	-	-	-	-	-	-	1	-	
St. Mary Marylebone HHH		21786	24	5	-	-	-	-	-	-	-	-	-	-	-	-	2	
Christchurch Marylebone H		33944	14	11	4	-	-	-	1	-	-	-	-	-	-	1	1	
St. John Marylebone H		33186	22	8	2	3	-	-	-	-	-	-	-	-	-	-	-	
Hampstead WvHH		32281	22	24	2	6	11	-	1	-	-	-	-	-	-	-	-	
Regent's Park Pancras		38200	22	16	3	4	-	-	-	-	1	-	1	-	-	-	-	
Tottenham-court WHHH		29370	21	19	2	2	-	2	-	-	1	-	-	-	-	2	2	
Gray's Inn Lane HH		29221	9	11	1	4	-	-	-	-	-	-	1	-	-	-	-	
Somers Town		38533	27	18	7	3	-	-	-	-	1	-	-	-	-	1	3	
Camden Town W		17943	6	14	3	7	1	-	-	-	-	-	-	-	-	3	3	
Kentish Town w		68198	65	35	7	6	-	1	-	-	1	-	-	-	-	2	-	
Islington West HHH		97820	89	37	5	8	8	-	1	1	-	-	1	-	-	-	-	
Islington East WvWH		115953	106	59	13	14	3	2	-	-	2	-	-	-	-	1	3	
Stoke Newington H		9841	14	6	1	2	-	1	-	-	-	-	-	-	-	-	-	
Stamford Hill		6598	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
West Hackney		28069	28	13	3	1	-	1	-	-	1	-	-	-	-	-	-	
Hackney WvWHL		50104	46	50	8	9	22	-	1	-	-	-	-	-	-	-	2	
South Hackney		30339	27	15	5	2	3	-	-	-	-	-	-	-	-	1	1	
CENTRAL DISTRICTS.																		
St. George Bloomsbury		17853	15	4	2	-	-	-	-	-	-	-	-	-	-	-	-	
St. Giles South WH		19109	19	16	8	2	-	2	-	-	-	-	-	-	-	1	2	
St. Giles North		16594	8	12	3	4	-	1	-	-	1	-	-	1	-	-	-	
Long Acre		11379	7	6	1	1	-	1	-	-	-	-	-	-	-	-	-	
Charing Cross HH		9859	4	6	-	1	-	-	-	-	-	-	-	-	-	-	1	
St. Mary-le-Strand		9378	8	3	-	-	-	1	-	-	-	-	-	-	-	-	1	
St. Clement Danes H		10723	6	5	2	-	-	-	-	-	-	-	-	-	-	-	-	
St. George-the-Martyr HHHHH		20521	10	13	5	1	-	-	-	-	-	-	-	-	-	1	1	
St. Andrew Eastern W		13529	11	7	-	3	-	-	-	-	-	-	-	-	-	-	-	
Saffron Hill H		9066	3	1	1	-	-	-	-	-	-	-	-	-	-	-	1	
St. James Clerkenwell W		18917	18	11	4	3	-	1	-	-	-	-	1	-	-	1	1	
Amwell Clerkenwell		16884	7	3	1	2	-	-	-	-	-	-	-	-	-	-	-	
Pentonville		13387	8	4	-	2	-	-	-	-	-	-	-	-	-	-	-	
Goswell-street		16242	14	4	3	-	-	-	-	-	-	-	-	-	-	1	1	
Old-street H		12161	13	4	1	-	-	-	-	-	-	-	-	-	-	-	-	
City-road HHL		13301	22	9	3	1	-	3	-	-	-	-	-	-	-	-	-	
Whitecross-street		13792	6	13	4	1	-	2	-	-	1	-	-	-	-	1	1	
Finsbury		10741	5	3	1	1	-	-	-	-	-	-	-	-	-	-	-	
St. Botolph East London H		14540	5	2	-	2	-	-	-	-	-	-	-	-	-	-	-	
Cripplegate		13638	7	9	-	3	-	1	-	-	-	-	-	-	-	-	-	
St. Sepulchre H		7562	2	7	-	2	-	-	-	-	-	-	-	-	-	1	1	
St. Bride W		11185	5	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
Castle Baynard		4426	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Christchurch		6270	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Queenhithe		4753	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Allhallows Barking		5764	1	2	-	1	-	-	-	-	-	-	-	-	-	1	1	
Broad Street H		7845	4	2	-	1	-	-	-	-	-	-	1	-	-	-	-	

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see at the foot of next page.

DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
y, 28th April 1877.

REGISTRATION SUB-DISTRICTS.		Enu- mer- ated Popu- lation, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
					Deaths of		Deaths from											
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																		
Shoreditch	-	12430	6	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-
ard Shoreditch	HL†	16545	16	6	3	1	-	-	-	-	-	-	-	-	1	1	2	-
New Town	w	27835	24	17	2	8	-	-	-	-	-	-	-	-	-	-	7	-
Old Town	-	26933	34	11	2	2	-	2	1	-	-	-	-	-	-	-	-	-
ton West	W	24162	18	12	1	4	-	-	2	-	-	-	-	-	-	-	3	-
ton East	H	19259	16	6	-	-	-	-	-	-	-	-	-	-	-	-	1	-
road	-	29822	28	15	1	4	1	-	-	-	-	1	-	-	-	1	-	-
ethnal Green	WHL†	42433	33	27	4	8	1	-	-	-	-	-	1	-	-	-	-	-
ethnal Green	-	26377	20	13	2	1	-	-	-	1	-	-	-	-	1	1	2	10
ethnal Green	-	21272	15	6	2	1	1	2	-	-	-	-	-	-	-	-	-	-
ds	H	22499	12	11	3	-	-	1	-	-	-	1	-	-	-	1	1	-
ld New Town	W	15550	12	9	2	2	-	-	-	-	-	-	-	-	-	-	-	-
apel North	-	11597	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
apel Church	H	7322	3	14	2	1	-	-	-	-	-	-	-	-	-	4	4	12
n's Fields	-	10381	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	9224	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. George East	-	17900	11	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-
St. George East	-	21350	21	6	3	1	1	-	-	-	-	-	-	-	-	-	-	-
St. George East	W	8802	14	8	2	4	-	-	-	-	-	-	-	-	1	-	-	5
H	-	11640	6	10	3	1	-	-	-	-	-	1	-	-	1	3	2	-
H	-	16131	6	6	2	2	-	-	-	-	-	1	-	-	-	1	1	-
ase	W	29919	28	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-
ld Old Town Western	-	38128	29	17	5	4	-	-	-	-	1	2	-	-	-	-	-	-
ld Old Town Eastern	WwH	55024	47	28	4	11	-	3	-	-	-	-	1	-	-	-	-	4
ew	HL†	67765	86	44	12	7	5	-	-	1	-	-	-	-	1	-	2	14
WW	-	48611	35	23	7	1	1	-	-	-	-	-	-	1	-	1	2	-
SOUTH DISTRICTS.																		
urch Southwark	WH	14573	12	8	1	4	-	-	-	-	-	-	-	-	-	2	2	4
our Southwark	H	15877	13	8	2	2	-	-	-	-	-	-	-	-	-	-	-	-
ad	-	20421	18	13	3	2	-	5	-	-	-	-	-	-	-	1	1	-
oad	WH	16695	12	6	-	1	-	-	1	-	-	1	-	-	-	-	-	1
oad	HL	18961	20	14	4	1	1	3	1	-	-	-	-	-	1	-	-	1
Newington	-	23682	22	5	1	1	1	-	-	-	-	-	-	-	-	-	-	-
r Walworth	W	48248	36	25	5	5	-	-	3	-	3	-	-	-	-	-	-	8
y Newington	-	16792	9	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-
e Southwark	H	4373	-	13	-	1	-	-	-	-	-	-	-	-	-	2	2	13
o Horsleydown	W	10500	8	5	1	-	-	-	-	-	-	-	-	-	-	-	-	2
Market	-	16787	8	6	3	-	-	-	-	-	-	-	-	-	1	-	1	-
w Magdalen	W	15709	14	11	5	3	1	1	-	-	-	-	-	-	-	-	-	3
es Bermondsey	-	47933	39	13	4	3	-	-	-	-	2	-	-	-	-	-	-	-
ithe	W	27096	26	18	8	2	-	1	-	-	-	1	-	-	-	1	1	3
oad 1st	H	14074	11	6	2	1	-	2	-	-	-	-	-	-	-	-	-	1
oad 2nd	H	18465	20	8	3	-	1	-	-	-	-	-	-	-	-	1	1	2
h Church 1st	H	19492	14	16	2	-	-	2	-	-	-	-	-	-	-	2	3	10
h Church 2nd	WW	35833	28	25	6	9	-	2	-	-	-	-	-	-	-	-	-	11
gton 1st	-	41286	34	16	4	3	1	-	-	-	-	-	-	-	-	-	1	-
gton 2nd	-	31221	18	8	2	5	-	-	-	-	-	-	-	-	-	-	-	-
w	-	35435	36	24	2	4	10	-	-	-	-	-	1	1	-	1	1	11
d	W	12536	6	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-
n	H	27347	21	12	2	2	-	-	-	-	-	1	-	-	-	-	-	-
ea	Ww	54016	62	33	8	10	1	-	-	-	-	1	-	-	2	2	3	4
worth	HL	19783	14	9	3	1	-	-	-	-	-	-	-	-	-	-	-	3
	-	9439	5	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
am	-	14475	6	8	3	1	-	-	-	-	-	1	-	-	-	-	-	-
	-	4041	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
well	WLT†	31254	25	15	1	4	-	-	-	-	-	-	-	-	-	-	-	8
n	W	42160	42	24	6	6	4	-	-	-	-	-	-	-	-	-	1	-
ge Camberwell	-	33851	40	14	3	4	-	-	-	-	-	-	1	1	-	-	-	-
Deptford	w	53714	44	34	6	7	7	-	3	-	-	-	-	-	-	-	1	7
colas Deptford	-	6474	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
ich West	-	21034	13	8	2	3	-	-	-	-	-	-	-	-	-	-	-	-
ich East	WH	19378	15	10	-	5	-	1	-	-	-	-	-	-	-	-	1	7
H	-	4539	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	16440	20	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
am Village	WH	11513	4	3	1	1	-	-	-	-	-	-	-	-	-	-	-	1
am	H	19065	27	6	2	3	-	-	-	-	-	-	-	-	-	-	-	-
n	H	9564	5	4	-	2	-	-	-	-	-	-	-	-	-	-	-	1
ch Dockyard	-	17226	11	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
ch Arsenal	WHH	18331	17	6	2	-	-	-	-	-	1	-	-	-	-	-	-	-
ead West	-	13027	13	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-
ead East	W	15232	16	5	1	1	-	1	-	-	-	-	-	-	-	-	-	-

Following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the
table by *w*:-

ral London Sick Asylum in Tottenham-court sub-district.

Kentish Town sub-district.

lon "City Workhouse" in Islington East sub-district.

lon Infirmary

lon City Workhouse "Hackney" sub-district.

lon " " "Hoxton New Town sub-district.

echapel " " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and
Bow sub-district.

Stepney Poplar & Stepney Sick Asylum

Westminster Union Industrial School in Battersea sub-district.

Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-
ney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 28th April 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enume- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
						Deaths of		Deaths from											
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.				
	LONDON—OUTER RING	368,414	631,381	487	267	54	70	3	4	2	-	1	2	2	12	17	26		
29: 1	Carshalton W - - -	12228	13523	10	1	1	-	-	-	-	-	-	-	-	-	-	-		
2	Epsom (part of) * WH -	9971	9145	6	2	1	1	-	-	-	-	-	-	-	-	-	-		
36: 1	Godstone (part of) * - -	2754	900	2	1	1	-	-	-	-	-	-	-	-	-	-	-		
37: 1	Croydon WWH - - -	20851	71319	57	21	2	8	1	-	-	-	-	1	-	1	1	3		
2	Mitcham WH - - -	11697	12534	8	7	1	2	-	-	-	-	-	-	1	-	-	2		
38: 1	Wimbledon HH - - -	3220	9087	15	3	2	-	-	-	-	-	-	-	-	-	-	-		
2	Kingston WH - - -	8549	27489	34	20	7	2	-	4	-	-	1	1	-	1	1	1		
3	Esher (part of) * - - -	6601	7353	5	2	-	1	-	-	-	-	-	-	-	1	1	-		
4	Hampton - - -	4573	10185	8	4	2	-	-	-	-	-	-	-	-	1	2	-		
39: 1	Richmond WH - - -	2271	16829	13	4	1	2	-	-	-	-	-	-	-	-	-	-		
2	Mortlake - - -	2961	9316	4	2	1	1	-	-	-	-	-	-	-	-	1	-		
40: 1	Bromley (part of) * HH -	15669	19509	23	10	3	8	-	-	-	-	-	-	-	1	-	-		
2	Chislehurst (part of) * W -	13665	10028	7	8	1	1	-	-	-	-	-	-	-	-	-	1		
41: 1	Bexley H - - -	13439	19566	11	10	2	5	-	-	-	-	-	-	-	1	1	-		
123: 1	Sunbury W - - -	11055	9860	4	2	-	-	-	-	-	-	-	-	-	-	-	1		
2	Staines W - - -	13277	10339	13	9	2	3	-	-	-	-	-	-	-	-	-	2		
124: 1	Hillingdon WH - - -	6029	9712	7	1	1	-	-	-	-	-	-	-	-	-	-	-		
2	Uxbridge - - -	6178	5329	5	1	1	-	-	-	-	-	-	-	-	-	-	-		
3	Hayes WL - - -	14587	10497	6	6	-	4	-	-	-	-	-	-	-	1	1	2		
125: 1	Isleworth W - - -	7008	19930	6	5	1	3	-	-	-	-	-	-	-	-	-	2		
2	Twickenham - - -	2477	10533	9	4	-	2	-	-	-	-	-	-	-	-	-	-		
3	Brentford HL - - -	4370	20279	12	5	-	1	-	-	-	-	-	-	-	-	-	-		
4	Chiswick - - -	1311	8508	1	4	1	1	-	-	-	-	-	-	-	-	-	-		
5	Acton WH - - -	6087	12633	11	8	1	3	-	-	-	-	-	-	-	1	1	1		
126: 1	Harrow H - - -	13809	10869	5	1	-	1	-	-	-	-	-	-	-	-	-	-		
2	Edgware - - -	6994	3450	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
3	Willesden - - -	4383	15869	9	6	2	-	-	-	-	-	-	-	-	1	1	-		
4	Hendon WH - - -	8382	6972	4	5	-	2	-	-	-	-	-	-	-	-	1	1		
127: 1	South Mimms - - -	15419	5924	4	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Barnet W - - -	5423	7752	6	1	-	1	-	-	-	-	-	-	-	-	-	-		
3	Finchley L - - -	4688	11493	7	10	-	2	-	-	-	-	-	-	-	-	-	6		
128: 1	Hornsey H - - -	3039	19357	12	10	2	1	-	-	-	-	-	-	-	1	1	1		
2	Tottenham H - - -	4642	22869	14	14	3	3	-	-	-	-	-	-	-	-	2	-		
3	Edmonton WW - - -	7483	13860	9	9	2	3	-	-	-	-	-	-	-	-	-	2		
4	Enfield WH - - -	12653	16054	17	9	1	1	-	-	-	-	-	-	-	-	-	-		
5	Waltham Abbey - - -	11017	5197	-	2	-	1	-	-	1	-	-	-	-	-	-	-		
6	Cheshunt - - -	8493	7518	4	1	1	-	-	-	-	-	-	-	-	-	-	-		
124: 1	Hatfield (part of) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
136: 1	Bushey - - -	9028	6472	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
185: 1	Stratford - - -	882	23286	26	7	1	-	-	-	-	-	-	-	-	1	1	-		
2	West Ham WWWW - - -	7345	44642	49	23	5	5	2	-	1	-	-	-	1	1	2	1		
3	Leyton WW - - -	4274	15513	11	6	-	1	-	-	-	-	-	-	-	-	-	-		
4	Walthamstow H - - -	6619	15701	12	9	3	3	-	-	-	-	-	-	-	-	-	-		
186: 1	Chigwell (part of) * H -	10483	8169	3	3	-	2	-	-	-	-	-	-	-	-	-	-		
188: 1	Romford (part of) * - -	6730	2879	4	1	1	-	-	-	-	-	-	-	-	-	-	-		
2	Ilford - - -	8492	5947	3	1	-	1	-	-	-	-	-	-	-	-	-	-		
3	Barking Town - - -	4128	6576	8	2	1	-	-	-	-	-	-	-	-	-	-	-		

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:— 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Waringham and Farley in Godstone sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134: 1, only the parish of Northaw in Hatfield sub-district; 186: 1, the whole of the Chigwell sub-district, except the parish of Thoidon-Bais (pop. 798); 188: 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 28th April 1877.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from								Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	
ATER LONDON	446,494	4,367,547	21·8	2·7	1824	399	412	92	51	16	3	31	20	14	63	372
NER LONDON -	78,080	3,533,484	23·0	3·1	1557	345	342	89	47	14	3	30	18	12	51	346
TEE RING -	368,414	834,063	16·7	0·9	267	54	70	3	4	2	-	1	2	2	12	26

3.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 28 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA -	429,535	March	24	-	230	27·9	Fever 33; cholera 50.
BOMBAY -	644,405	"	27	-	686	55·4	Small-pox 51; cholera 43.
MADRAS -	397,552	"	16	-	1120	146·4	Small-pox 387; cholera 132.
PARIS -	1,851,792	April	26	-	1048	29·4	Typhoid fever 20; small-pox 4.
GENEVA* -	67,829	"	21	87	34	26·2	Diphtheria and croup 4.
BRUSSELS -	188,609	"	21	-	-	-	-
AMSTERDAM -	289,981	"	21	212	161	28·2	Measles 7; croup 3.
ROTTERDAM -	136,231	"	21	112	79	30·0	Typhoid fever and typhus 2.
THE HAGUE -	104,095	"	21	64	43	21·5	-
COPENHAGEN -	215,000	"	17	151	100	24·3	Whooping-cough 4.
STOCKHOLM -	144,305	"	14	-	89	32·1	Scarlet fever 6; measles 4.
CHRISTIANIA -	79,000	"	21	64	28	18·4	Scarlet fever 2.
BERLIN -	997,269	"	7	768	485	25·3	Scarlet fever 6; diphtheria 16.
HAMBURG(State)	393,588	"	14	-	-	-	-
DRESDEN -	202,295	"	14	-	146	25·2	Scarlet fever 6.
BRESLAU -	246,813	"	21	219	130	26·3	-
MUNICH -	209,000	"	21	193	126	31·0	-
VIENNA -	714,548	"	21	559	407	29·6	Small-pox 18; diphtheria 14.
BUDA-PESTH -	315,401	"	14	254	249	41·0	Small-pox 4; whooping-cough 10.
ROME -	272,560	"	7	158	162	30·9	Small-pox 4; diphtheria and croup 20.
NAPLES -	454,948	"	1	-	262	30·0	Diphtheria 5; croup 3.
TURIN -	223,488	"	14	131	123	28·6	Small-pox 2; whooping-cough 5.
VENICE -	139,796	"	14	66	40	14·8	Diphtheria 1; typhoid fever 1.
ALEXANDRIA -	212,034	"	14	183	151	37·2	Small-pox 2; whooping-cough 6.
NEW YORK -	1,077,228	March	31	-	442	21·3	Scarlet fever 25; diphtheria 16.
BROOKLYN -	527,830	"	31	-	199	19·6	Scarlet fever 19; diphtheria 22.
PHILADELPHIA -	850,856	April	7	-	367	22·5	Small-pox 7; scarlet fever 8.
BOSTON -	363,000	March	31	-	145	21·0	Diphtheria 9; croup 3.

* With suburbs, including Genf, Plain-palais, and Eaux-Vives.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 28th APRIL, 1877.

[Under the Superintendence of the Astronomer Royal.]

Under the supervision of the Astronomer Royal

1877. MONTH AND DAY.	MOON. Phases of Moon.	READINGS OF THERMOMETERS.										DIFFERENCE				WIND.				RAIN.																																																																																																																																																																																		
		Baro- meter.	Dry			Dew Point.	Highest in the sun, as shown by a self-regis- tering Thermo- meter with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-regis- tering Thermo- meter.	In the Water of the Thames, by Greenwich, by self-registering Thermometers.		Between Dew Point Temperature and Air Temperature.		Between mean tem- perature of the day and mean tem- perature of the same day on an average of 60 years.*		Degree of Hu- midity, complete Satura- tion being repre- sented by 100.	As deduced from Anemometers.		Collected in a Gauge whose receiving surface is 5 in. above the ground.																																																																																																																																																																																				
			High- est.	Low- est.	Range in day.				Mean daily value.	Mean daily value.	Mean daily value.	Greatest value.	Least value.	Osler's.		Amount of Horizontal Movement of Air each day.																																																																																																																																																																																						
														General Direction.			Pressure on square foot.		A.M.	P.M.	Greatest.	Least.	Mean of 24 Days.																																																																																																																																																																															
in.	Perigee.	..	In Equator	Full	..	WSW. WSW. Variable.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE		E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.		NE. & ESE						E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.	WSW. & W. WSW. SW. & S.	NE. & ESE	E. & ENE. E. & ENE. ENE. ENE. & E. ENE. & NE.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 29.61 in. at the beginning of the week to 29.57 in. by 9h. P.M. on the 23rd; increased to 29.80 in. by 9h. P.M. on the 26th; decreased to 29.54 in. by 9h. P.M. on the 28th; and increased to 29.65 in. by the end of the week.

SKY AND ATMOSPHERE.

DATE.	Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
APRIL.				
SUNDAY . 22	Strong positive electricity was shown for a short time in the afternoon with sparks.	4·3	14·2	Partially cloudy. Showery. Distant thunder heard in afternoon.
MONDAY . 23		7·8	14·3	Generally fine. Slight thunderstorm in afternoon.
TUESDAY . 24		6·5	14·4	Partially cloudy. Hail and rain in evening.
WEDNESDAY 25	With slight exceptions no electricity was shown.	5·7	14·4	Fine. The amount of cloud varied.
THURSDAY . 26		0·3	14·5	Overcast generally till afternoon; partially cloudy in evening; cloudless at night.
FRIDAY . 27		2·0	14·5	Generally cloudy.
SATURDAY . 28		0·0	14·6	Overcast.
..	..	Sum 26·6	Sum 100·9	

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS
OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 18. 1877. Vol. XXXVIII.] WEEK ENDING SATURDAY, MAY 5. [Price 1½d.

*General Register Office, Somerset House,
7th May, 1877.*

UNITED KINGDOM.

DURING last week 6079 *births* and 3756 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2323. The mortality from all causes was at the average rate of 24 deaths annually in every 1000 persons living. The annual death-rate was 23 per 1000 in Edinburgh, 29 in Glasgow, and 35 in Dublin; the deaths in Dublin included 21 fatal cases of measles and 10 of fever.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Wolverhampton 14, Brighton 16, Plymouth 16, Portsmouth 17, Sunderland 20, Bristol 21, Hull 21, Leeds 22, London 22, Birmingham 23, Nottingham 23, Manchester 24, Newcastle-upon-Tyne 24, Norwich 24, Bradford 25, Leicester 25, Sheffield 26, Liverpool 31, Salford 32, and Oldham 36. The annual death-rate from the seven principal zymotic diseases averaged 2·8 per 1000 in the twenty towns, and ranged from 0·0 and 0·3 in Nottingham and Bradford, to 4·7 and 7·8 in Oldham and Salford. Two more deaths from typhus were recorded in the Bristol Workhouses. The fatal cases of small-pox in the twenty towns, which had been 77, 81, and 97 in the three preceding weeks, declined last week to 62, of which 54 occurred in London, 4 in Liverpool (exclusive of 10 municipal fatal cases in the Toxteth Workhouse), 3 in Manchester and Salford (exclusive of 3 municipal fatal cases in the Monsall Hospital), and one in Oldham.

LONDON.

In LONDON 2510 BIRTHS and 1490 DEATHS were registered. Allowing for increase of population, the births exceeded by 14, and the deaths by 9, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 22·6 and 23·0 per 1000, declined last week to 22·0.

The 1490 deaths included 54 from small-pox, 44 from measles, 16 from scarlet fever, 2 from diphtheria, 43 from whooping-cough, 21 from different forms of fever, and 9 from diarrhoea; thus to the seven principal diseases of the zymotic class 189 deaths were referred, against 223 and 213 in the two preceding weeks. These 189 deaths were 44 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 2·8 per 1000. The 44 fatal cases of measles were three less than those in the previous week, and included 4 in Pancras, 5 in Hackney, 6 in St. Luke's, 4 in Shoreditch, and 6 in Southwark. The deaths from scarlet fever and diphtheria were less than half the average weekly numbers. Of the 43 deaths from whooping-cough, 10 were returned in the East, and 19 in the South groups of Districts, including 3 in Mile End, 7 in Southwark, and 4 in Camberwell. The 21 deaths referred to fever were 11 below the corrected weekly average; 3 were certified as typhus, 13 as enteric or typhoid, and 5 as simple continued fever. One fatal case of typhus occurred in Drummond Road (Bermondsey), one in Ridgway Road (Brixton), and the third was of a hospital nurse in the Stockwell Fever Hospital.

The fatal cases of small-pox, which had been 60, 68, and 89 in the three preceding weeks, declined last week to 54, a lower number than had been returned in any week since the beginning of December last; 23 were certified as unvaccinated, 11 as vaccinated, and 20 were "not stated" as to vaccination. The 54 included 32 which were recorded in the Metropolitan Asylum Hospitals, and 2 in the Highgate Small-pox Hospital, whereas the remaining 20 occurred in private dwellings.

After distributing the 34 fatal hospital cases, it appears that 6 of the deceased small-pox patients had resided in Bow and Poplar, 5 in Southwark, 4 in Marylebone, 4 in Pancras, and 4 in Hackney; in all, 7 belonged to the West, 14 to the North, 6 to the Central, 11 to the East, and 16 to the South groups of districts. The fatal cases in West and Central London showed a slight increase, whereas the decline was marked in all other parts of the Metropolis.

The Metropolitan Asylum District Hospitals contained 846 small-pox patients on Saturday last, showing an increase of 22 upon the steadily declining numbers in the four preceding weeks. The number of new cases admitted during the week was 246, against 161 and 207 in the two preceding weeks; this is the largest number of admissions since the commencement of the epidemic.

The mean temperature of the air during last week at the Royal Observatory, Greenwich, was only $41^{\circ}\cdot3$, and was $8^{\circ}\cdot8$ below the average for the corresponding period in 60 years. On Friday the mean was so low as $37^{\circ}\cdot9$, and corresponded with the average temperature for the beginning of February. The deaths referred to diseases of the respiratory organs, which had been 343 and 349 in the two previous weeks, were 327 last week, and exceeded the corrected weekly average by 57; 195 resulted from bronchitis, and 87 from pneumonia.

Different forms of violence caused 46 deaths; 41 were the result of negligence or accident, including 19 from fractures and contusions, 4 from burns and scalds, 2 from drowning, and 10 of infants under one year of age from suffocation. Of the 19 deaths from fractures and contusions, 5 occurred on railways; 4 were caused by horses or vehicles in the streets; 3 resulted from falls from scaffolding or ladders; 3 from other falls from heights, the nature of which was not stated; 2 from fall of heavy substance on; one from falling over stones in a yard; and one from "fracture of left leg 28 days, albuminuria, uræmia." An inquest was held in each case but the last, which was certified by a registered medical practitioner. Eight of these 19 deaths occurred in hospitals, one in a workhouse, and the rest in private dwellings.

In the large Public Institutions 296 deaths were recorded, or 20 per cent. of the total deaths; of these, 192 occurred in Workhouse Establishments, 101 in Hospitals, and 3 in Lunatic Asylums.

GREATER LONDON.

In Greater London 3049 births and 1750 deaths were registered, equal to annual rates of 36·4 and 20·9 per 1000 of the population. The fatal cases of small-pox in the Outer Ring, which had been 5 and 3 in the two preceding weeks, were 7 last week, of which two occurred in West Ham, one in Croydon, one in Chiswick, one in Willesden, one in Bushey, and one in Ilford. Of the 10 deaths in Hornsey, 3 were fatal cases of measles and 2 of diphtheria.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 27, Bombay 60; Paris 28; Geneva 21; Brussels 26; Amsterdam 27, Rotterdam 31, The Hague 22; Copenhagen 28; Stockholm 30; Christiania 16; Berlin 28, Hamburg 26, Dresden 28, Breslau 24; Munich 36; Vienna 33, Buda-Pesth 42; Rome 20, Turin 24, Venice 26; Alexandria 42; New York 23, Brooklyn 21, Philadelphia 21, and Boston 20.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·92 in.; the lowest reading was 29·65 in. at the beginning of the week, and the highest 30·22 in. on Tuesday. The mean temperature of the *air* was $41^{\circ}\cdot3$, and $8^{\circ}\cdot8$ below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was considerably below the average on each day of the week, the coldest day being Friday, when the mean was but $37^{\circ}\cdot9$ and showed a deficiency of $12^{\circ}\cdot9$. The lowest night temperature was $28^{\circ}\cdot1$ on Friday, and the highest day temperature in the shade $53^{\circ}\cdot7$ on Monday; the extreme range in the week was, therefore, $25^{\circ}\cdot6$. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in *vacuo* placed on the grass, was $115^{\circ}\cdot6$ on Saturday. The difference between the mean *dew-point* and *air* temperature averaged $8^{\circ}\cdot6$. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was $48^{\circ}\cdot4$. The mean degree of *humidity* of the air was 72, complete saturation being represented by 100. The general direction of the *wind* was North-easterly, and the horizontal movement of the air averaged 10·0 miles per hour, which was 1·1 below the average in the corresponding week of 16 years. *Rain* fell on Sunday to the amount of the fifth of an inch, but none was measured on the last six days of the week. The duration of registered sunshine in the week was 21·2 hours, out of 103·8 hours during which the sun was above the horizon.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames was 281,895 cubic metres at Crossness, and 371,545 cubic metres at Barking, equivalent to about as many tons by weight.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the United Kingdom, during the Week ending Saturday, the 5th day of May 1877.

TOWNS AND BOUGHS.	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 5th May 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
TOWNS in the UNITED KINGDOM.	212,881	8,144,940	38·3	6079	3756	64·0	25·1	41·0	5·00	0·03	0·08
London	75,362	3,533,484	46·9	2510	1490	53·7	28·1	41·3	5·17	0·20	0·51
South	2,354	102,264	43·4	63	31	53·0	32·7	42·0	5·56	0·00	0·00
West	4,486	127,144	28·3	90	42	64·0	32·0	45·3	7·39	0·00	0·00
East	7,472	84,023	11·2	59	39	50·5	30·8	40·1	4·50	0·04	0·10
North	1,395	72,911	52·3	40	23	55·0	35·5	43·3	6·28	0·00	0·00
Mid	4,452	202,950	45·6	141	82	56·0	26·8	41·4	5·22	0·01	0·03
Hampton	3,396	73,389	21·6	68	19	52·3	27·9	38·6	3·67	0·00	0·00
Ham	8,400	377,436	44·9	314	167	-	-	-	-	-	-
Ter	3,200	117,461	36·7	69	57	54·5	28·0	40·8	4·89	0·01	0·03
Ham	1,996	95,025	47·6	73	42	53·3	30·2	40·0	4·44	0·04	0·10
Pool	5,210	527,083	101·2	423	315	50·9	32·7	39·8	4·34	0·00	0·00
Wester	4,293	359,213	83·7	279	162	-	-	-	-	-	-
W	5,170	141,184	27·3	141	87	53·8	25·1	39·1	3·95	0·01	0·03
E	4,666	89,796	19·2	83	62	-	-	-	-	-	-
RD	7,220	179,315	24·8	133	86	50·2	28·6	39·9	4·39	0·02	0·05
W	21,572	298,189	13·8	225	124	51·0	30·0	40·0	4·44	0·01	0·03
OLD	19,651	282,130	14·4	212	141	52·0	28·5	38·8	3·78	0·00	0·00
W	3,635	140,002	38·5	112	57	53·0	27·0	39·6	4·23	0·02	0·05
W	3,306	110,382	33·4	93	43	54·0	33·0	41·8	5·45	0·14	0·36
W	5,371	142,231	26·5	131	66	-	-	-	-	-	-
W	4,191	218,729	52·2	166	95	55·6	31·5	40·8	4·89	0·04	0·10
W	6,033	555,933	92·1	436	313	-	-	-	-	-	-
W	10,050	314,666	31·3	218	213	56·4	28·0	44·5	6·95	0·08	0·20

*Names of the Meteorological Observers in the several towns, see note at foot of Table 4.
†Figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by addition of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,055,612 persons, and in DUBLIN, during the Week ending Saturday the 5th day of May 1877.

BOUGHS, &c.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from											
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.				
20 TOWNS	23·2	2·8	3135	764	597	62	68	40	6	126	49	33	91	157	493		
London	22·0	2·8	1490	334	288	54	44	16	2	43	21	9	46	84	296		
South	15·8	1·0	31	7	7	-	-	-	-	1	-	1	-	1	9		
West	17·2	3·3	42	9	7	-	-	1	-	3	3	1	1	2	5		
East	24·2	2·5	39	10	14	-	1	1	-	-	2	-	-	-	-		
North	16·5	1·4	23	3	9	-	1	-	-	-	-	1	-	2	2		
Mid	21·1	4·4	82	30	16	-	-	-	-	12	3	2	2	4	8		
Hampton	13·5	3·6	19	6	3	-	-	1	-	-	2	2	1	2	3		
Ham	23·1	3·7	167	42	35	-	4	5	-	9	4	5	5	10	17		
Ter	25·3	1·8	57	14	13	-	1	1	-	2	-	-	3	4	4		
Ham	23·1	0·0	42	11	12	-	-	-	-	-	-	-	3	3	1		
Pool	31·2	2·1	315	90	52	4	-	2	1	10	2	2	14	18	43		
Wester	23·5	3·6	162	37	27	1	2	4	-	17	1	-	5	13	31		
—	32·2	7·8	87	24	9	2	11	2	-	5	-	1	-	1	7		
—	36·0	4·7	62	17	6	1	-	-	-	5	1	1	-	1	2		
—	25·0	0·3	86	20	11	-	-	-	-	-	1	-	4	3	6		
—	21·7	2·1	124	36	24	-	2	3	-	6	1	-	1	2	17		
—	26·1	3·9	141	38	23	-	2	2	1	9	3	4	4	4	17		
—	21·2	1·1	57	12	17	-	-	-	-	-	3	-	2	2	12		
—	20·3	3·8	43	12	7	-	-	2	2	1	2	1	-	1	4		
—	24·2	2·2	66	12	17	-	-	-	-	3	-	3	-	-	9		
Dublin	35·3	5·8	213	32	46	-	21	-	-	2	10	2	1	3	80		

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the EIGHTEENTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2381	2331	2025	2277	2251	2340	2343	2447	2327	2602	2332·4	2510
Males . .	1193	1198	1063	1148	1144	1219	1146	1253	1153	1289	1180·6	1294
Females . .	1188	1133	962	1129	1107	1121	1197	1194	1174	1313	1151·8	1216
TOTAL Deaths	1237	1392	1421	1314	1522	1337	1326	1337	1489	1416	1384·1	1490
Males . .	642	696	717	680	787	725	670	720	746	735	711·8	785
Females . .	595	696	704	634	735	662	656	617	743	681	672·3	705

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867-76 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Feb. 10.	Feb. 17.	Feb. 24.	Mar. 3.	Mar. 10.	Mar. 17.	Mar. 24.	Mar. 31.	Apr. 7.	Apr. 14.	Apr. 21.	Apr. 28.	May 5.
TOTAL Deaths - - -	1504	1462	1495	1529	1782	1800	1802	2052	1922	1714	1532	1557	1490
0—20 - - -	648	653	675	700	810	850	766	898	877	778	740	722	708
20—40 - - -	215	234	206	232	269	247	270	277	242	233	219	212	220
40—60 - - -	262	248	289	258	326	277	301	380	323	314	257	281	274
60—80 - - -	317	263	263	289	313	338	382	417	391	315	264	289	241
at 80 years & upwds.	62	64	62	48	64	88	83	80	89	74	52	53	47
Deaths of { Under 1 year -	317	334	323	334	372	392	385	420	380	378	356	345	334
children { 1—5 - - -	212	215	259	246	306	331	269	361	372	277	272	277	260
{ 5—20 - - -	119	104	93	122	132	127	112	117	125	123	112	100	114
Deaths from 7 principal Zymotic Diseases	207	187	208	212	213	231	201	243	253	208	223	213	189
„ „ Smallpox - - -	90	72	104	84	96	100	76	86	78	60	68	89	54
„ „ Measles - - -	21	18	14	23	33	44	32	53	50	58	41	47	44
„ „ Scarlet Fever - - -	14	19	16	23	17	15	17	27	16	18	25	14	16
„ „ Diphtheria - - -	7	6	5	4	4	5	3	8	4	5	6	3	2
„ „ Whooping-cough - - -	44	38	38	40	28	36	37	48	69	42	46	30	43
„ „ Typhus fever - - -	2	7	2	1	2	1	4	1	3	2	4	4	3
„ „ Enteric (or Typhoid) fever - - -	11	9	11	13	20	15	18	10	19	8	17	11	13
„ „ Simple Cont'd fever - - -	7	2	4	2	3	5	3	3	5	2	5	3	5
„ „ Diarrhoea - - -	11	16	14	22	10	10	11	7	9	13	11	12	9
„ „ Simple Cholera - - -	-	-	-	-	-	-	-	-	1	-	-	-	-
„ „ Dis. of Respiratory Organs - - -	381	355	303	355	452	498	575	645	554	420	343	349	327
„ „ Phthisis - - -	173	166	168	169	226	189	201	224	208	199	162	167	192
„ „ Heart Diseases - - -	101	96	84	95	102	102	103	114	111	89	91	88	92
Violent Deaths - - -	51	45	54	46	59	52	51	60	54	59	65	51	46
Inquest Cases - - -	111	83	120	90	114	106	94	130	109	129	116	87	83
Deaths in Public Institutions	317	275	329	311	387	349	350	367	332	334	294	346	296
TEMPERATURE OF THE AIR:													
Mean - - -	46·3	46·4	40·4	39·1	36·9	41·7	37·7	46·4	47·8	46·9	42·5	44·7	41·3
Mean of Highest readings - - -	52·2	51·8	45·8	46·6	42·7	49·0	47·3	55·1	57·5	55·9	49·8	54·4	51·4
Mean of Lowest readings - - -	40·5	42·2	35·7	33·2	32·9	34·8	30·1	40·2	41·7	41·6	37·0	37·6	35·1
Mean Temperature of the Water of the Thames - - -	44·1	47·5	44·4	41·3	41·8	41·0	42·7	44·9	49·4	50·9	48·9	48·3	48·4
Humidity of the Air - - -	85	82	79	75	80	73	81	82	82	83	76	78	72
Rain-fall in inches - - -	0·06	0·78	0·68	0·31	0·47	0·07	0·56	0·91	0·85	1·73	0·35	0·08	0·20
Registered Sunshine (in hours)	2·3	9·3	9·8	17·0	17·4	26·5	26·7	24·8	20·4	9·4	14·1	26·6	21·2

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the EIGHTEENTH Week of the Year 1877.

CAUSE OF DEATH.	Average in the Eighteenth Weeks of the 10 years 1867-76.	In the Week ending Saturday, May 5, 1877.										CAUSES OF DEATH.	Average in the Eighteenth Weeks of the 10 years 1867-76.	In the Week ending Saturday, May 5, 1877.																			
		Deaths of Persons of the Ages												Deaths of Persons of the Ages																			
		ALL AGES.												ALL AGES.																			
		Mean Tem.	Under 20.			20 and under 40.		40 and under 60.		60 and under 80.				Mean Temperature		Mean Tem.	Under 20.			20 and under 40.		40 and under 60.		60 and under 80.		Mean Temperature		Mean Tem.	Under 20.			20 and under 40.	
		°	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.			°		°	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.			°		°	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Temperature -	49.5	41.3	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.			49.5	41.3	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.			49.5	41.3	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.		
AGES -	1384.1	1490	334	260	114	220	274	241	47					1488	332	260	114	220	274	241	47					1488	332	260	114	220	274	241	47
CAUSES	1375.7	1488	332	260	114	220	274	241	47					1488	332	260	114	220	274	241	47					1488	332	260	114	220	274	241	47
DISEASES.																																	
1. Typhoid Fev.	41.9	54	8	6	15	20	4	1	-			9. Stricture of Intestines	1.2	3	-	-	-	-	2	1	-			10. Fistula	1.5	1	-	-	-	-	1	-	-
2. Typhoid Fev. continued Fev.	36.2	44	8	35	1	-	-	-	-			11. Stomach Disease, &c.	6.6	10	2	-	1	2	1	4	-		12. Pancreas Disease, &c.	-	-	-	-	-	-	-	-	-	
3. Typhoid Fev. (Metria)	32.1	16	2	12	2	-	-	-	-			13. Hepatitis	3.2	3	-	-	-	-	2	1	-		14. Jaundice	4.8	3	1	-	-	1	1	-	-	
4. Typhoid Fev. (Typhoid)	6.2	2	1	1	-	-	-	-	-			15. Liver Disease, &c.	18.7	20	-	-	-	2	14	4	-		16. Spleen Disease, &c.	-	-	-	-	-	-	-	-	-	
5. Typhoid Fev. (Typhoid)	11.8	15	4	10	1	-	-	-	-			ORDER 5.																					
6. Typhoid Fev. (Typhoid)	57.4	43	15	27	1	-	-	-	-			1. Nephritis	1.8	1	-	-	1	-	-	-	-		2. Ischuria	4	-	-	-	-	-	-	-	-	
7. Typhoid Fev. (Typhoid)	29.6	13	-	1	9	2	1	-	-			3. Bright's Dis. (Nephria)	13.4	13	-	-	2	3	7	1	-		3. Bright's Dis. (Nephria)	13.4	13	-	-	2	3	7	1	-	
8. Typhoid Fev. (Typhoid)	5.7	4	2	-	-	-	-	-	-			4. Diabetes	1.5	1	-	-	-	-	-	-	-		4. Diabetes	1.5	1	-	-	-	-	-	-	-	
9. Typhoid Fev. (Typhoid)	4.9	4	-	-	-	-	-	-	-			5. Calculus (Stone)	7	-	-	-	-	-	-	-	-		5. Calculus (Stone)	7	-	-	-	-	-	-	-	-	
10. Typhoid Fev. (Typhoid)	1.3	9	7	1	1	-	-	-	-			6. Cystitis	1.5	2	-	-	-	-	-	2	-		6. Cystitis	1.5	2	-	-	-	-	-	-	-	
11. Typhoid Fev. (Typhoid)	14.3	9	7	1	1	-	-	-	-			7. Kidney Disease, &c.	9.0	7	-	-	-	5	1	1	-		7. Kidney Disease, &c.	9.0	7	-	-	-	-	5	1	1	
12. Typhoid Fev. (Typhoid)	4	-	-	-	-	-	-	-	-			ORDER 6.																					
13. Typhoid Fev. (Typhoid)	1.3	9	7	1	1	-	-	-	-			1. Ovarian Dropsy	9	-	-	-	-	-	-	-	-		2. Uterus Disease, &c.	5.0	2	-	-	-	1	1	-	-	
14. Typhoid Fev. (Typhoid)	7.2	10	-	-	-	-	-	-	-			ORDER 7.																					
15. Typhoid Fev. (Typhoid)	4	-	-	-	-	-	-	-	-			1. Synovitis (Arthritis)	3	2	-	1	1	-	-	-	-		2. Joint Disease, &c.	5.7	4	-	-	-	1	2	1	-	
16. Typhoid Fev. (Typhoid)	8.5	12	11	1	-	-	-	-	-			ORDER 8.																					
17. Typhoid Fev. (Typhoid)	8	1	-	-	-	-	-	-	-			1. Phlegmon	3.0	3	1	1	1	-	-	-	-		1. Phlegmon	3.0	3	1	1	1	-	-	-	-	
18. Typhoid Fev. (Typhoid)	1	1	-	-	-	-	-	-	-			2. Ulcer	6	1	-	-	-	-	1	-	-		2. Ulcer	6	1	-	-	-	-	-	-	-	
19. Typhoid Fev. (Typhoid)	1	-	-	-	-	-	-	-	-			3. Skin Disease, &c.	8	1	1	-	-	-	-	-	-		3. Skin Disease, &c.	8	1	1	-	-	-	-	-	-	
20. Typhoid Fev. (Typhoid)	7	1	-	1	-	-	-	-	-			IV. DEVELOPMENTAL DISEASES.																					
21. Typhoid Fev. (Typhoid)	6.9	13	13	-	-	-	-	-	-			ORDER 1.																					
22. Typhoid Fev. (Typhoid)	3.0	1	-	-	1	-	-	-	-			1. Premature Birth	22.1	29	29	-	-	-	-	-	-		1. Premature Birth	22.1	29	29	-	-	-	-	-	-	
23. Typhoid Fev. (Typhoid)	1.7	2	-	-	-	2	-	-	-			2. Cyanosis	2.0	6	6	-	-	-	-	-	-		2. Cyanosis	2.0	6	6	-	-	-	-	-	-	
24. Typhoid Fev. (Typhoid)	1.3	4	-	-	-	3	1	-	-			3. Spina Bifida	1.0	4	3	1	-	-	-	-	-		3. Spina Bifida	1.0	4	3	1	-	-	-	-	-	
25. Typhoid Fev. (Typhoid)	2.5	1	1	-	-	-	-	-	-			4. Other Malformations	1.8	1	1	-	-	-	-	-	-		4. Other Malformations	1.8	1	1	-	-	-	-	-	-	
26. Typhoid Fev. (Typhoid)	6	1	-	1	-	-	-	-	-			5. Teething	16.8	12	3	9	-	-	-	-	-		5. Teething	16.8	12	3	9	-	-	-	-	-	
27. Typhoid Fev. (Typhoid)	1.7	3	-	-	-	-	3	-	-			ORDER 2.																					
28. Typhoid Fev. (Typhoid)	12.9	9	-	1	1	1	2	3	1			1. Paramenia	-	-	-	-	-	-	-	-	-		1. Paramenia	-	-	-	-	-	-	-	-	-	
29. Typhoid Fev. (Typhoid)	34.1	40	-	1	1	5	22	12	-			2. Childbirth (see Puer- peral Fever)	5.6	1	-	-	-	1	-	-	-		2. Childbirth (see Puer- peral Fever)	5.6	1	-	-	-	-	-	-	-	
30. Typhoid Fev. (Typhoid)	5	2	1	1	-	-	-	-	-			ORDER 3.																					
31. Typhoid Fev. (Typhoid)	3.5	3	1	-	-	1	1	-	-			1. Old Age	45.1	52	-	-	-	-	-	29	23		1. Old Age	45.1	52	-	-	-	-	-	-	-	
32. Typhoid Fev. (Typhoid)	10.1	12	2	8	2	-	-	-	-			ORDER 4.																					
33. Typhoid Fev. (Typhoid)	20.8	24	13	9	1	1	-	-	-			1. Atrophy and Debility	59.8	55	37	11	-	1	2	4	-		1. Atrophy and Debility	59.8	55	37	11	-	1	2	4	-	
34. Typhoid Fev. (Typhoid)	182.9	192	3	5	28	92	58	5	1			V. VIOLENT DEATHS, &c.																					
35. Typhoid Fev. (Typhoid)	32.9	36	14	17	5	-	-	-	-			ORDER 1.																					
36. Typhoid Fev. (Typhoid)	18.9	30	6	13	7	2	2	-	-			(ACCIDENT OR NEGLIGENCE.)																					
37. Typhoid Fev. (Typhoid)	41.2	42	1	4	-	5	11	21	-			1. Fractures & Contusions	16.7	19	-	-	3	5	8	3	-		1. Fractures & Contusions	16.7	19	-	-	3	5	8	3	-	
38. Typhoid Fev. (Typhoid)	29.3	21	-	-	-	1	7	10	3			2. Wounds { Gunshot - Cut, Stab }	6	-	-	-	-	-	-	-	-		2. Wounds { Gunshot - Cut, Stab }	6	-	-	-	-	-	-	-	-	
39. Typhoid Fev. (Typhoid)	2.1	5	-	-	-	1	3	1	-			3. Burns and Scalds	4.6	4	1	-	1	-	1	1	-		3. Burns and Scalds	4.6	4	1	-	1	-	1	1	-	
40. Typhoid Fev. (Typhoid)	7.1	8	-	-	-	1	4	2	-			4. Poison	1.3	1	-	-	-	-	-	-	-		4. Poison	1.3	1	-	-	-	-	-	-	-	
41. Typhoid Fev. (Typhoid)	48.0	50	36	14	-	3	7	13	3			5. Drowning	6.2	2	-	-	1	-	-	1	-		5. Drowning	6.2	2	-	-	1	-	-	1	-	
42. Typhoid Fev. (Typhoid)	16.7	31	2	-	3	3	7	13	3			6. Suffocation	10.5	11	10	-	-	-	-	-	1		6. Suffocation	10.5	11	10	-	-	-	-	-	1	
43. Typhoid Fev. (Typhoid)	2.7	3	-	-	-	1	1	-	-			7. Otherwise	2.4	4	3	-	-	1	-	-	-												

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, TYPHUS, ENTERIC (OR TYPHOID) FEVER, SIMPLE CONTINUED FEVER, DIARRHOEA, VIOLENCE, during the Week ending

				The DEATHS registered in the Week include														
REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	Deaths of		Deaths from												Inquest Cases.
				Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.			
LONDON	3,254,260	2510	1490	334	288	54	44	16	2	43	3	13	5	9	46	84		
WEST DISTRICTS	561,359	388	240	49	46	3	2	2	-	6	-	2	1	2	3	11		
NORTH DISTRICTS	751,729	592	349	74	67	27	10	5	1	7	-	1	1	1	8	23		
CENTRAL DISTRICTS	334,369	162	147	27	29	2	9	-	-	1	-	-	-	2	11	13		
EAST DISTRICTS	639,111	546	289	62	57	6	8	3	-	10	-	2	1	1	9	18		
SOUTH DISTRICTS	967,692	822	465	122	89	16	15	6	1	19	3	8	2	3	15	19		
WEST DISTRICTS.																		
St. Mary Paddington WH	58728	42	30	3	5	-	-	1	-	1	-	-	-	-	-	-		
St. John Paddington H	38085	14	20	1	3	-	-	-	-	-	-	-	-	-	1	4		
Kensington Town W	91645	72	41	9	11	-	-	-	-	-	-	-	-	2	-	1		
Brompton H	28654	20	12	-	4	1	-	-	-	-	-	-	-	-	-	-		
St. Peter Hammersmith	6662	3	3	1	2	-	-	-	-	-	-	-	-	-	-	-		
St. Paul Hammersmith H	36029	37	15	4	4	1	-	-	-	-	-	-	-	-	-	-		
Fulham WwH	23350	33	15	8	-	1	-	-	-	2	-	-	-	-	-	-		
Chelsea South HHH	26420	13	8	1	2	-	1	1	-	1	-	-	-	-	-	-		
Chelsea North-west WHHHH	22926	15	19	2	4	-	-	-	-	-	-	-	-	-	-	-		
Chelsea North-east	21392	21	12	4	1	-	1	-	-	2	-	-	-	-	-	-		
Hanover Square H	18698	5	2	-	1	-	-	-	-	-	-	1	-	-	-	-		
May Fair WW	13358	8	7	1	1	-	-	-	-	-	-	1	1	-	-	-		
Belgrave HH	57972	26	23	3	5	-	-	-	-	-	-	-	-	-	1	1		
St. John Westminster HH	38478	30	7	3	1	-	-	-	-	-	-	-	-	-	-	-		
St. Margaret Westminster WH	27781	14	5	2	-	-	-	-	-	-	-	-	-	-	-	-		
Golden Square WH	12860	9	4	1	-	-	-	-	-	-	-	-	-	-	-	-		
Berwick-street H	20769	16	5	2	-	-	-	-	-	-	-	-	-	-	-	-		
St. Anne Soho HHHHH	17562	10	12	4	2	-	-	-	-	-	-	-	-	-	-	-		
NORTH DISTRICTS.																		
All Souls Marylebone HHHH	28579	16	12	3	2	-	-	-	-	-	-	-	-	-	1	2		
Cavendish Square HH	15425	6	5	1	-	-	-	-	-	-	-	-	-	-	-	-		
Rectory Marylebone WH	26384	14	19	2	7	-	-	-	-	-	-	-	-	-	-	1		
St. Mary Marylebone HHH	21786	24	5	-	2	-	-	-	-	-	-	-	-	-	-	1		
Christchurch Marylebone H	33944	28	12	6	-	-	-	-	1	-	-	-	-	-	-	1		
St. John Marylebone H	33136	15	16	5	2	1	-	-	-	-	-	-	-	-	-	1		
Hampstead WwHH	32281	16	26	4	-	12	-	-	-	-	-	-	-	-	-	1		
Regent's Park Pancras	38200	20	18	7	3	1	-	-	-	1	-	-	-	-	1	1		
Tottenham-court wHHH	29370	14	22	5	3	-	3	-	-	-	-	-	-	-	1	2		
Gray's Inn Lane HH	29221	28	7	2	1	-	-	-	-	1	-	-	-	-	1	2		
Somers Town	38533	22	8	1	-	-	-	-	-	-	-	-	-	-	1	2		
Camden Town WH	17943	14	12	1	3	1	-	1	-	1	-	-	-	-	1	1		
Kentish Town w	68198	63	21	3	3	-	1	1	-	-	-	-	-	-	-	2		
Islington West HHH	97820	81	29	5	6	3	-	1	-	1	-	1	-	-	-	2		
Islington East WwvH	115953	110	64	17	21	-	1	1	-	1	-	-	-	1	1	2		
Stoke Newington H	9841	14	6	3	-	-	1	-	-	-	-	-	-	-	-	-		
Stamford Hill	6598	7	8	-	3	-	2	-	-	-	-	-	-	-	-	-		
West Hackney	28069	23	16	1	1	-	2	-	-	1	-	-	1	-	1	2		
Hackney WwvHL	50104	40	33	7	8	9	-	1	-	1	-	-	-	-	1	2		
South Hackney	36339	37	10	1	2	-	-	-	-	-	-	-	-	-	-	-		
CENTRAL DISTRICTS.																		
St. George Bloomsbury	17853	10	4	1	-	-	-	-	-	-	-	-	-	1	-	-		
St. Giles South WH	19109	15	13	1	3	-	-	-	-	-	-	-	-	-	4	1		
St. Giles North	16594	4	7	2	1	-	-	-	-	-	-	-	-	-	1	1		
Long Acre	11379	7	6	-	-	-	-	-	-	-	-	-	-	-	-	-		
Charing Cross HH	9859	6	10	-	3	-	-	-	-	-	-	-	-	-	1	1		
St. Mary-le-Strand	9378	6	6	2	1	-	1	-	-	1	-	-	-	-	1	1		
St. Clement Danes H	10723	6	7	-	4	-	-	-	-	-	-	-	-	-	-	-		
St. George-the-Martyr HHHHH	20521	9	8	-	-	-	1	-	-	-	-	-	-	-	-	-		
St. Andrew Eastern W	13529	5	12	4	2	-	-	-	-	-	-	-	-	-	1	1		
Saffron Hill H	9066	3	4	1	1	-	-	-	-	-	-	-	-	-	-	-		
St. James Clerkenwell W	18917	5	4	1	-	-	1	-	-	-	-	-	-	1	-	-		
Amwell Clerkenwell	16884	9	5	1	-	-	-	-	-	-	-	-	-	-	-	-		
Pentonville	13337	9	5	1	2	-	-	-	-	-	-	-	-	-	-	-		
Goswell-street	16242	12	5	1	2	1	-	-	-	-	-	-	-	-	-	-		
Old-street H	12161	7	9	1	1	-	3	-	-	-	-	-	-	-	-	-		
City-road HHL	18301	12	5	3	1	-	-	-	-	-	-	-	-	-	-	-		
Whitecross-street	13792	4	5	2	1	-	1	-	-	1	-	-	-	-	-	-		
Finsbury	10741	9	4	1	1	-	2	-	-	-	-	-	-	-	-	-		
St. Botolph East London H	14540	9	3	1	-	-	-	-	-	-	-	-	-	-	-	1		
Cripplegate	13638	5	3	-	1	-	-	-	-	-	-	-	-	-	-	4		
St. Sepulchre H	7562	2	7	-	2	-	-	-	-	-	-	-	-	-	3	2		
St. Bride W	11185	1	8	2	1	1	-	-	-	-	-	-	-	-	2	-		
Castle Baynard	4426	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Christchurch	6270	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Queenhithe	4753	2	1	-	-	-	-	-	-	-	-	-	-	-	-	1		
Allhallows Barking	5764	-	3	2	1	-	-	-	-	-	-	-	-	-	1	1		
Broad-street H	7845	3	3	-	1	-	-	-	-	-	-	-	-	-	-	-		

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see at the foot of next page.

London Sick Asylum in Tottenham-court sub-district.	London City Workhouse in { Mile End Old Town Eastern sub-dist. and
Kentish Town sub-district.	Bow sub-district.
Islington East sub-district.	Bow sub-district.
St. John's Infirmary " Hackney sub-district.	Poplar & Stepney Sick Asylum " "
St. John's Workhouse " Hoxton New Town sub-district.	Westminster Union Industrial School in Battersea sub-district.
St. John's " Mile End Old Town Eastern sub-dist.	Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Depford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 5th May 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enume- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
						Deaths of		Deaths from											
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.				
	LONDON—OUTER RING	368,414	631,381	539	260	56	72	7	5	1	4	1	3	-	8	13	34		
29: 1	Carshalton W - - -	12228	13523	10	5	1	1	-	-	-	-	-	-	-	1	1	-		
2	Epsom (part of) * WH -	9971	9145	3	4	-	4	-	-	-	-	-	-	-	-	-	2		
36: 1	Godstone (part of) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
37: 1	Croydon WWH - - -	20851	71319	54	34	7	12	1	-	-	1	-	-	-	-	1	3		
2	Mitcham WH - - -	11697	12534	12	3	1	1	-	-	-	-	-	-	-	-	-	-		
38: 1	Wimbledon HH - - -	3220	9087	10	3	2	1	-	-	-	-	-	-	-	-	-	-		
2	Kingston WH - - -	8549	27489	15	17	2	8	-	2	-	-	-	-	-	-	-	-		
3	Esher (part of) * - - -	6601	7353	5	3	-	1	-	-	-	-	-	1	-	-	-	-		
4	Hampton - - -	4573	10185	8	7	1	2	-	-	-	-	-	-	-	1	1	-		
39: 1	Richmond WH - - -	2271	16829	15	4	2	2	-	-	-	-	-	-	-	-	-	-		
2	Mortlake - - -	2961	9316	5	3	3	-	-	-	-	-	-	-	-	-	-	-		
40: 1	Bromley (part of) * HH -	15669	19509	18	8	5	1	-	-	-	-	-	-	-	-	-	-		
2	Chislehurst (part of) * W -	13665	10028	11	-	-	-	-	-	-	-	-	-	-	-	-	-		
41: 1	Bexley H - - -	13439	19566	10	7	3	2	-	-	-	-	-	-	-	-	-	-		
123: 1	Sunbury W - - -	11055	9360	4	4	-	2	-	-	-	-	-	-	-	-	1	-		
2	Staines W - - -	13277	10339	1	1	1	-	-	-	-	-	1	-	-	-	-	-		
124: 1	Hillingdon WH - - -	6029	9712	5	4	1	1	-	-	-	-	-	-	-	-	-	1		
2	Uxbridge - - -	6178	5329	6	2	-	-	-	-	-	-	-	-	-	-	-	-		
3	Hayes WL - - -	14587	10497	4	14	-	4	-	-	-	-	-	-	-	-	-	12		
125: 1	Isleworth W - - -	7008	19930	16	15	1	2	-	-	-	-	-	-	-	2	2	1		
2	Twickenham - - -	2477	10533	8	2	-	2	-	-	-	-	-	-	-	-	-	-		
3	Brentford HL - - -	4370	20279	25	9	2	5	-	-	-	-	-	-	-	-	-	-		
4	Chiswick - - -	1311	8508	6	7	2	2	1	-	-	-	-	-	-	1	1	-		
5	Acton WH - - -	6087	12683	8	5	1	2	-	-	-	-	-	-	-	-	-	1		
126: 1	Harrow H - - -	13809	10869	9	2	2	-	-	-	-	-	-	-	-	-	-	-		
2	Edgware - - -	6994	3450	1	2	-	-	-	-	-	-	-	-	-	1	1	-		
3	Willesden - - -	4383	15369	18	8	2	3	1	-	-	-	-	-	-	-	1	-		
4	Hendon WH - - -	8382	6972	1	1	-	-	-	-	-	-	-	1	-	-	-	1		
127: 1	South Mimms - - -	15419	5924	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
2	Barnet W - - -	5423	7752	5	3	-	3	-	-	-	-	-	-	-	-	-	3		
3	Finchley L - - -	4688	11493	11	15	-	1	-	-	-	-	-	1	-	-	-	9		
128: 1	Hornsey H - - -	3039	19357	21	10	2	-	-	3	-	2	-	-	-	-	-	-		
2	Tottenham H - - -	4642	22869	18	3	-	1	-	-	-	-	-	-	-	-	-	-		
3	Edmonton WW - - -	7483	13860	12	5	2	-	-	-	1	-	-	-	-	1	1	-		
4	Enfield WH - - -	12653	16054	9	4	3	1	-	-	-	-	-	-	-	-	-	-		
5	Waltham Abbey - - -	11017	5197	4	1	-	-	-	-	-	-	-	-	-	-	-	-		
6	Cheshunt - - -	8493	7518	5	2	1	-	-	-	-	-	-	-	-	-	-	-		
134: 1	Hatfield (part of) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
136: 1	Bushey - - -	9028	6472	3	1	-	-	1	-	-	-	-	-	-	-	-	-		
185: 1	Stratford - - -	882	23286	41	9	2	1	-	-	-	-	-	-	-	1	1	-		
2	West Ham WWWW - - -	7345	44642	62	20	5	3	2	-	-	1	-	-	-	-	1	-		
3	Leyton WW - - -	4274	15513	14	5	1	2	-	-	-	-	-	-	-	-	-	-		
4	Walthamstow H - - -	6619	15701	18	3	-	1	-	-	-	-	-	-	-	-	-	-		
186: 1	Chigwell (part of) * H -	10483	8169	5	1	-	1	-	-	-	-	-	-	-	-	-	-		
188: 1	Romford (part of) * - -	6730	2879	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Ilford - - -	8492	5947	11	2	1	-	1	-	-	-	-	-	-	-	-	-		
3	Barking Town - - -	4128	6576	7	1	-	-	-	-	-	-	-	-	-	-	-	-		

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134: 1, only the parish of Northaw in Hatfield sub-district; 186: 1, the whole of the Chigwell sub-district, except the parish of Thoydon-Bury (pop. 793); 188: 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 5th May, 1877.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
						Deaths of		Deaths from									
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Deaths in Public Institutions.	
GREATER LONDON	446,494	4,367,547	20·9	2·5	1750	390	360	61	49	17	6	44	24	9	54	330	
GREATER LONDON -	78,080	3,533,484	22·0	2·8	1490	334	288	54	44	16	2	43	21	9	46	296	
INNER RING -	368,414	834,063	16·3	1·3	260	56	72	7	5	1	4	1	3	-	8	34	

—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 7 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 14 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 28 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA -	429,535	March 31	-	221	26·8	Fever 55; cholera 51.
BOMBAY -	644,405	April 3	-	738	59·6	Small-pox 65; cholera 39; remittent fever 330.
MADRAS -	397,552	March 23	-	-	-	-
PARIS -	1,851,792	May 3	-	985	27·7	Typhoid fever 15; measles 13.
GENEVA* -	67,829	April 28	37	27	20·8	Fever 1.
BRUSSELS -	188,609	" 28	102	93	25·6	-
AMSTERDAM -	289,981	" 28	193	155	27·2	Measles 5.
ROTTERDAM -	136,231	" 28	119	83	30·6	-
THE HAGUE -	104,095	" 28	67	44	22·0	-
COPENHAGEN -	215,000	May 1	157	115	27·9	-
STOCKHOLM -	144,305	April 21	-	86	30·4	Scarlet fever 2; puerperal fever 5.
CHRISTIANIA -	79,000	" 28	46	25	16·5	-
BERLIN -	997,269	" 14	766	533	27·9	Scarlet fever 11.
HAMBURG (State)	393,588	" 14	310	199	26·4	Scarlet fever 3.
DRESDEN -	202,295	" 21	163	110	28·3	Scarlet fever 3.
BRESLAU -	246,813	" 28	214	118	23·9	-
MUNICH -	209,000	" 28	190	145	36·0	Typhoid fever 2.
VIENNA -	714,548	" 28	542	454	33·0	Small-pox 20; diphtheria 18.
BUDA-PESTH -	315,401	" 21	281	256	42·2	Whooping-cough 10; typhus 8.
ROME -	272,560	" 14	128	105	19·6	Diphtheria and croup 15; measles 4.
NAPLES -	454,948	" 8	-	-	-	-
TURIN -	223,488	" 21	133	106	24·4	Typhoid fever and typhus 6; measles 5.
VENICE -	139,796	" 21	63	71	26·4	Typhoid fever 2.
ALEXANDRIA -	212,034	" 21	162	169	41·6	Whooping-cough 8.
NEW YORK -	1,070,578	" 7	-	482	23·3	Scarlet fever 23.
BROOKLYN -	527,830	" 7	-	215	21·2	Diphtheria 20; scarlet fever 13.
PHILADELPHIA -	850,856	" 14	-	318	21·3	Small-pox 12; typhoid fever 7.
BOSTON -	352,000	" 7	-	138	19·7	Diphtheria 8.

* With suburbs, including Genf, Plain-palais, and Eaux-Vives.

WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 19. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, MAY 12. [Price 1½d.

*General Register Office, Somerset House,
14th May, 1877.*

UNITED KINGDOM.

DURING last week 5671 *births* and 4077 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 1594. The mortality from all causes was at the average rate of 26 deaths annually in every 1000 persons living. The annual death-rate was 26 per 1000 in Edinburgh, 32 in Glasgow, and 31 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Portsmouth 19, Brighton 19, Wolverhampton 21, Plymouth 22, Hull 22, Leeds 23, Bradford 23, Norwich 24, London 24, Newcastle-upon-Tyne 24, Sunderland 25, Sheffield 26, Nottingham 26, Bristol 26, Birmingham 28, Liverpool 29, Leicester 29, Oldham 34, Manchester 36, and Salford 41. The annual death-rate from the seven principal zymotic diseases averaged 3·4 per 1000 in the twenty towns, and ranged from 0·6 in Nottingham, to 6·0 and 10·4 in Manchester and Salford. The fatal cases of small-pox in the twenty towns, which had been 97 and 62 in the two preceding weeks, rose again last week to 92, of which 78 occurred in London, 4 in Liverpool, 8 in Manchester and Salford (exclusive of 6 municipal fatal cases in the Monsall Hospital), one in Oldham, and one in Hull. A considerable increase in the prevalence of small-pox is reported at Oldham.

LONDON.

In LONDON 2378 BIRTHS and 1613 DEATHS were registered. Allowing for increase of population, the births exceeded by 11, and the deaths by 179, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 23·0 and 22·0 per 1000, rose last week to 23·8.

The 1613 deaths included 78 from small-pox, 45 from measles, 24 from scarlet fever, 4 from diphtheria, 58 from whooping-cough, 16 from different forms of fever, and 20 from diarrhoea; thus to the seven principal diseases of the zymotic class 245 deaths were referred, against 213 and 189 in the two preceding weeks. These 245 deaths exceeded by 15 the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 3·6 per 1000. The 58 fatal cases of whooping-cough considerably exceeded the numbers in recent weeks, and included 17 in the East, and 21 in the South groups of districts; 5 occurred in Fulham, 9 in Bow and Poplar, and 4 in Southwark. Of the 45 deaths from measles, within one of the number in the previous week, 15 were returned in the North and 13 in the East groups of districts, including 10 in Islington, 4 in Hackney, 6 in Shoreditch, and 5 in Bethnal Green. Ten fatal cases of scarlet fever occurred in East London, including 4 in Bethnal Green; and 2 of diphtheria in St. Botolph sub-district of the City. Only 16 deaths were referred to fever, or 17 less than the corrected weekly average; 2 were certified as typhus, 12 as enteric or typhoid, and 2 as simple fever. Of the two fatal cases of typhus, one occurred in the Wandsworth Union Infirmary, and one in the Stockwell Fever Hospital; the latter had been admitted from Pembroke Street, Islington.

The fatal cases of small-pox, which had been 89 and 54 in the two preceding weeks, rose again to 78 last week; 35 were certified as unvaccinated, 17 as vaccinated, and in the remaining 26 nothing was stated as to vaccination. The 78 included 45 which were recorded in the Metropolitan Asylum Hospitals, 5 in the Highgate Small Pox Hospital, and one in the Herbert Hospital; whereas 27

occurred in private dwellings. After distributing the 51 fatal hospital cases, it appears that 10 of the deceased small-pox patients had resided in Hackney, 9 in Paddington, 9 in Lambeth, 6 in Pancras, 6 in Camberwell, 4 in Bow, and 4 in Chelsea; in all, excluding one extra-metropolitan case, 19 belonged to the West, 19 to the North, 3 to the Central, 11 to the East; and 25 to the South groups of Districts. The largest increase of fatal cases occurred in West and South London.

The Metropolitan Asylum District Hospitals contained 854 small-pox patients on Saturday last, against 824 and 846 in the two preceding weeks. The number of new cases admitted during the week was 219, and showed a decline of 27 from the high number in the previous week.

The deaths referred to diseases of the respiratory organs, which had been 349 and 327 in the two previous weeks, were 355 last week, and exceeded by 109 the corrected average weekly number; 203 resulted from bronchitis, and 106 from pneumonia.

Different forms of violence caused 53 deaths; 45 were the result of negligence or accident, including 19 from fractures and contusions, 9 from burns and scalds, 2 from drowning, and 12 of infants under one year of age from suffocation. The 19 deaths by fractures and contusions were thus caused: male aged 60, run over by a van; male 34, run over by an omnibus; male 29, run over by a cart; male 58, injured on railway; male 25, run over on railway; female 71, female 50, and male 28, fell down stairs; male 63, fell from a ladder; female 28, male 5, and male 3, fell from a height (nature of height not stated); male 2, by fall (not stated how); male 21, and male 39, by fall of heavy substance on; male 14, by shaft of steam engine; male 53, injured by a chaff-cutting machine; male 12, injured by machinery (kind not stated); and male 73, crushed by a barge. An inquest was held in each case; 12 of the deaths occurred in hospitals, and 7 in private dwellings.

GREATER LONDON.

In Greater London 2900 births and 1898 deaths were registered, equal to annual rates of 34·7 and 22·7 per 1000 of the population. The fatal cases of small-pox in the Outer Ring, which had been 3 and 7 in the two preceding weeks, declined again to 3 last week, all of which occurred in West Ham.

Dr. Frankland reports, as the result of his analysis of the waters supplied to the Metropolis and some of its suburbs, during April, that taking unity to represent the average amount of organic impurity in a given volume of the Kent Company's water during the last nine years, the proportional amount of this impurity in an equal volume of water supplied by each of the other Companies, and by the Tottenham Local Board, was:—Tottenham 0·5, Colne Valley 0·9, Kent 1·0, New River 3·1, East London 3·6, Lambeth 4·7, West Middlesex 5·3, Grand Junction 5·7, Chelsea 6·1, and Southwark 7·8. All the water delivered from the Thames, except that supplied by the Middlesex Company, was more or less turbid, and was unfit for dietetic purposes, being much polluted with organic matter. The Southwark Company's water was "very turbid, repulsive in appearance, and contained fungoid "growths and moving organisms"; this Company's filter-beds have been undergoing repair since the summer of 1876. The Grand Junction water also contained moving organisms. The water supplied, principally from the Lea, by the New River and East London Companies, was very superior to the Thames waters, and was efficiently filtered. The deep well waters supplied by the Kent and Colne Valley Companies, and by the Tottenham Local Board, were of their usual excellent quality. The Colne Valley water is softened previous to delivery, and showed less than 5 degrees of hardness, whereas in the Kent and Tottenham waters the degrees of hardness were 25 and 27 respectively.

Dr. Hill reports that the water supplied to Birmingham was clear, and that the amount of organic matter had markedly declined. The Glasgow water, supplied from Loch Katrine, is reported by Dr. Mills to have been almost colourless, but to have contained "suspended particles and some hairy matter, with a minute trace "of iron."

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 32, Bombay 60, Madras 153; Paris 30; Geneva 19; Brussels 23; Amsterdam 30, Rotterdam 31, The Hague 19; Copenhagen 26; Stockholm 34; Christiania 20; Berlin 26, Hamburg 26, Dresden 33; Breslau 25,

Munich 36; Vienna 28, Buda-Pesth 43; Rome 21, Naples 31, Turin 27, Venice 24; Alexandria 46; New York 24, Brooklyn 20, Philadelphia 20, and Boston 19. The 1170 deaths in Madras included 436 fatal cases of small-pox, 155 of cholera, and 114 of fevers.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·47 in.; the lowest reading was 29·32 in. on Wednesday, and the highest 29·68 in. at the beginning of the week. The mean temperature of the *air* was 49°·2, and 2°·3 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed an excess on Wednesday and Thursday, whereas it was considerably below the average on each of the other days of the week; on Sunday 6th the mean was only 41°·5, and was 10°·1 below the average, while on Wednesday it was 53°·9, and in excess by 2°·4. The lowest night temperature was 30°·8 on Sunday, May 6th, and the highest day temperature in the shade 66°·6 on Wednesday; the extreme range in the week was, therefore, 35°·8. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in *vacuo* placed on the grass, was 129°·1 on Wednesday. The difference between the mean *dew-point* and *air* temperature averaged 9°·5. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 50°·1. The mean degree of *humidity* of the air was 71, complete saturation being represented by 100. The direction of the *wind* was variable, and the horizontal movement of the air averaged 7·3 miles per hour, which was 3·0 below the average in the corresponding week of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·24 of an inch. The duration of registered sunshine in the week was 52·7 hours, out of the 106·6 hours that the sun was above the horizon.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of APRIL 1877; according to their returns 113,059,770 gallons or 513,682 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 212 gallons (96·3 decalitres) rather less than a *ton* by weight, to each house, and 29·9 gallons (13·6 decalitres) to each person, against 30·6 gallons in April 1876.

COMPANIES.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for do- mestic consumption) during the Month of	
	APRIL 1876.	APRIL 1877.	APRIL 1876.	APRIL 1877.
TOTAL SUPPLY	525,369	532,166	114,315,996	113,059,770
From Thames	247,328	249,548	59,272,347	57,103,563
From Lea and from other Sources	278,041	282,618	55,043,649	55,956,207
THAMES.				
Chelsea	28,675	28,741	7,310,500	7,163,300
West Middlesex	47,800	49,035	9,662,837	9,814,214
Southwark and Vauxhall	80,413	77,880	19,465,000	17,250,000
Grand Junction	36,616	37,683	10,541,910	10,815,049
Lambeth	53,824	56,209	12,292,100	12,061,000
LEA AND OTHER SOURCES.				
New River	124,135	125,219	24,963,000	24,368,000
East London	109,375	111,967	23,452,000	24,908,780
Kent	44,531	45,432	6,628,649	6,679,427

Note.—The Return for April 1877, as compared with that for the corresponding month of 1876, shows an increase of 6,797 houses, and a decrease of 1,256,226 gallons of water supplied daily.

ANALYSIS OF METROPOLITAN WATER SUPPLY DURING APRIL.

Royal College of Chemistry, South Kensington Museum,
5th May 1877.

SIR,

I HAVE to report to you in the following Table the results of the chemical analysis of the waters supplied to the inner and portions of the outer circle of the Metropolis during the month of April.

I append also the results obtained in the analyses of the water supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the last nine years as unity, the proportional amount in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health was:—Tottenham 0·5, Colne Valley 0·9, Kent 1·0, New River 3·1, East London 3·6, Lambeth 4·7, West Middlesex 5·3, Grand Junction 5·7, Chelsea 6·1, Southwark 7·8.

The Thames has again been much polluted with organic matter, and the water delivered from this source was not fit for dietetic purposes. The West Middlesex Company alone delivered this water in an efficiently filtered condition. The Chelsea, Grand Junction, and Lambeth Companies sent out slightly turbid water, whilst that supplied by the Southwark Company was very turbid, repulsive in appearance, and contained fungoid growths and moving organisms.

This Company has been repairing its filter beds since the summer of 1876. It is very desirable that the work should be expedited as much as possible. The Grand Junction Company's water contained moving organisms.

The water supplied from the Lea by the New River and East London Companies was of much better quality and was efficiently filtered.

The water supplied from artesian wells to the inner circle by the Kent Company, and to the outer circle by the Colne Valley Company and the Tottenham Local Board of Health was wholesome, bright, and palatable, and of most excellent quality for dietetic purposes. The Colne Valley water was also soft and suitable for washing.

Seen through a stratum two feet deep, the Kent, Colne Valley, and Tottenham waters were clear and colourless; the New River and East London, clear and nearly colourless; the West Middlesex, clear and slightly yellow; Grand Junction, slightly turbid and brownish yellow; Chelsea, slightly turbid and brownish; Lambeth, slightly turbid and slightly yellow; and the Southwark, very turbid and dark brown.

Dr. Hill, the Medical Officer of Health for Birmingham, reports that the water supplied to that town was clear and exhibited "a very marked diminution in the amount of organic matter."

Dr. Mills, F.R.S., Professor of Technical Chemistry in the Andersonian University, Glasgow, reports that the water supplied to that city from Loch Katrine was almost colourless. It contained "suspended particles and some hairy matter," and a minute trace of iron.

I am, &c.

E. FRANKLAND.

The Registrar General, &c. &c.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

COMPANIES OR LOCAL AUTHORITIES.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Mat- ters.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Ni- trates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES:	°								
	Chelsea - - - { 12th April, Cab Rank, Horse Guards. }	9·5	28·20	·331	·026	0	·171	·197	1·50	18·6
	West Middlesex - { 12th April, Cab Rank, Portland-road. }	10·7	28·06	·289	·021	0	·207	·228	1·50	18·6
	Southwark and Vauxhall - - { 12th April, Cab Rank, St. George's Church, Borough. }	10·5	28·34	·415	·047	·001	·169	·217	1·43	18·0
	Grand Junction - { 12th April, Lancaster-gate, Hyde Prk. }	9·0	27·90	·309	·028	0	·192	·220	1·42	18·3
	Lambeth - - { 12th April, Cab Rank, Westminster Bridge-road. }	10·0	30·68	·255	·025	0	·268	·293	1·70	19·1
	OTHER SOURCES:									
Outer Circle.	New River - - { 12th April, Cab Rank, Tottenham- court-road. }	11·0	27·60	·175	·010	0	·242	·252	1·52	19·1
	East London - { 12th April, Royal Hotel, Mile-End-rd. }	9·2	29·20	·193	·017	0	·259	·276	1·70	19·7
	Kent - - - { 13th April, Deptford Bridge Police Station. }	12·7	39·90	·054	·007	0	·392	·399	2·45	25·4
	Colne Valley - - { 5th April, Reservoir, Waterworks, Bushey. }	9·5	18·46	·051	·003	0	·343	·346	1·35	4·9
	Tottenham Local Board of Health - - { 14th April, High Street, Tottenham. }	-	49·34	·023	·006	·003	·598	·606	3·35	27·1
	Corporation of Birming- ham* - - - { 12th April, 4 Court, Navigation-street. }	11·1	24·60	·203	·025	·002	·237	·243	1·90	16·4
	Corporation of Glasgow † - { 12th April, Loch Katrine service. }	6·2	2·70	·131	0	0	·003	·003	·70	1·1
Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the Borough.

† Analysed by Dr. E. J. Mills, F.R.S., of the Andersonian University, Glasgow.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11 all relate to 100,000 parts of the waters. The Table is to be read thus: the Chelsea Company's water, collected on the 12th of April at the Horse Guards cab-rank, had a temperature of 9°·5 C.; 100,000 lbs. of it contained 28·20 lbs. of solid matters; the organic portion of these matters contained ·331 lb. of carbon and ·026 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·171 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·197 lb. The above weight of water also contained 1·50 lb. of chlorine. Finally, 100,000 lbs. of the water contained 18·6 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 1. BIRTHS and DEATHS registered, and METEOROLOGY,* during the Week ending Saturday the 12th day of May 1877, in the following large TOWNS.

CITIES AND ROUGHS.	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 12th May 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.		In Inches.	In Centimetres.
TOWNS in the UNITED KINGDOM	212,881	8,144,940	38·3	5671	4077	74·8	26·0	46·5	8·06	0·52	1·32
BIRMINGHAM	75,862	3,533,484	46·9	2378	1613	66·6	30·8	48·7	9·28	0·24	0·61
LONDON	2,354	102,264	43·4	50	38	60·9	33·8	48·9	9·39	0·31	0·79
SOUTH	4,486	127,144	28·3	77	45	74·8	33·8	53·6	12·01	0·37	0·94
CH	7,472	84,023	11·2	45	38	62·5	30·0	47·8	8·78	0·23	0·58
UTH	1,395	72,911	52·3	46	31	60·0	36·5	47·4	8·55	0·46	1·17
L	4,452	202,950	45·6	142	102	66·5	28·6	48·3	9·06	0·59	1·50
BRAMPTON	3,396	73,389	21·6	56	29	63·0	23·9	46·2	7·89	0·15	0·38
GHAM	8,400	377,436	44·9	294	201	—	—	—	—	—	—
TER	3,200	117,461	36·7	82	66	67·5	28·8	48·5	9·17	0·64	1·63
GHAM	1,996	95,025	47·6	64	47	61·2	28·0	45·4	7·44	0·82	2·08
COL	5,210	527,083	101·2	342	288	60·3	39·6	46·9	8·28	0·45	1·14
ESTER	4,293	359,213	83·7	243	246	65·9	30·0	47·6	8·67	0·63	1·60
D	5,170	141,184	27·3	137	111	64·0	27·1	44·6	7·01	0·85	2·16
M	4,666	89,796	19·2	60	58	—	—	—	—	—	—
ORD	7,220	179,315	24·8	138	79	60·0	35·2	44·0	6·67	0·05	0·13
	21,572	298,189	13·8	224	131	59·0	28·0	44·2	6·78	0·15	0·38
ELD	19,651	282,130	14·4	204	138	61·0	26·0	44·2	6·78	1·42	3·61
	3,635	140,002	38·5	115	60	59·0	27·0	42·8	6·00	0·10	0·25
ELAND	3,306	110,382	33·4	90	53	56·0	35·0	44·2	6·78	1·01	2·57
STLE-ON-TYNE	5,371	142,231	26·5	129	65	—	—	—	—	—	—
ERGH	4,191	218,729	52·2	155	108	54·0	31·5	43·3	6·28	0·70	1·78
W	6,033	555,933	92·1	417	342	57·0	32·0	44·9	7·17	—	—
	10,050	314,666	31·3	183	188	59·6	31·2	48·9	9·39	0·65	1·65

* names of the Meteorological Observers in the several towns, see note at foot of Table 4.

† figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by addition of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,055,612 persons, and in DUBLIN, during the Week ending Saturday the 12th day of May 1877.

TOWNS, &c.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from											
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhea.	Violence.				
20 TOWNS -	25·4	3·4	3439	769	703	92	78	51	9	147	46	38	106	175	573		
" " " -	23·8	3·6	1613	325	347	78	45	24	4	58	16	20	53	85	334		
LONDON -	19·4	3·1	38	9	9	-	-	1	1	1	2	1	1	1	6		
SOUTH -	18·5	1·6	45	9	11	-	1	2	-	-	-	1	1	2	11		
CH -	23·6	2·5	38	5	11	-	1	1	-	1	1	-	-	1	9		
UTH -	22·2	0·7	31	3	7	-	-	-	1	-	-	-	1	1	3		
L -	26·2	3·1	102	24	20	-	-	-	-	8	4	-	6	11	19		
BRAMPTON -	20·6	0·7	29	8	7	-	-	1	-	-	-	-	1	2	5		
GHAM -	27·8	3·6	201	51	42	-	9	4	-	10	1	2	10	13	29		
TER -	29·3	2·2	66	27	16	-	1	-	1	3	-	-	-	1	9		
GHAM -	25·8	0·6	47	7	11	-	-	-	-	1	-	-	1	1	7		
COL -	28·5	3·2	288	70	55	4	-	1	-	17	8	2	13	17	42		
NESTER -	35·7	6·0	246	63	40	1	10	5	-	16	5	4	8	22	38		
D -	41·0	10·4	111	20	12	7	8	3	-	6	3	1	1	3	8		
M -	33·7	5·2	58	13	10	1	-	2	-	3	3	-	-	-	4		
ORD -	23·0	1·8	79	24	13	-	-	2	-	3	-	1	3	6	5		
" " " -	22·9	1·6	131	37	27	-	2	3	-	3	-	1	2	3	14		
ELD -	25·5	2·8	138	34	18	-	1	1	1	8	2	2	1	2	11		
" " " -	22·4	2·6	60	14	16	1	-	-	-	5	-	1	1	1	9		
ELAND -	25·1	1·9	53	15	16	-	-	-	-	2	-	2	2	2	3		
STLE-ON-TYNE	23·8	1·8	65	11	15	-	-	1	1	2	1	-	1	1	7		
" " " -	31·2	3·2	188	30	57	1	7	3	-	2	6	-	3	5	60		

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the NINETEENTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2148	2256	2012	2179	2071	2123	2192	2285	2346	2509	2212·1	2378
Males . .	1119	1154	1024	1156	1048	1117	1102	1182	1148	1256	1130·6	1202
Females . .	1029	1102	988	1023	1023	1006	1090	1103	1198	1253	1081·5	1176
TOTAL Deaths	1235	1340	1279	1426	1341	1250	1355	1288	1427	1457	1339·8	1613
Males . .	642	705	679	731	716	647	669	714	730	775	700·8	829
Females . .	593	635	600	695	625	603	686	574	697	682	639·0	784

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867–76, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Feb. 17.	Feb. 24.	Mar. 3.	Mar. 10.	Mar. 17.	Mar. 24.	Mar. 31.	Apr. 7.	Apr. 14.	Apr. 21.	Apr. 28.	May 5.	May 12.
TOTAL Deaths - - -	1462	1495	1529	1782	1800	1802	2052	1922	1714	1532	1557	1490	1613
0—20 - - -	653	675	702	810	850	766	898	877	778	740	722	708	745
20—40 - - -	234	206	232	269	247	270	277	242	233	219	212	220	241
40—60 - - -	248	289	258	326	277	301	380	323	314	257	281	274	280
60—80 - - -	263	263	289	313	338	382	417	391	315	264	289	241	297
at 80 years & upwds.	64	62	48	64	88	83	80	89	74	52	53	47	50
Deaths of children { Under 1 year -	334	323	334	372	392	385	420	380	378	356	345	334	325
{ 1—5 - - -	215	259	246	306	331	269	361	372	277	272	277	260	310
{ 5—20 - - -	104	93	122	132	127	112	117	125	123	112	100	114	110
Deaths from 7 principal Zymo- totic Diseases }	187	208	212	213	231	201	243	253	208	223	213	189	245
„ „ Small-pox - - -	72	104	84	96	100	76	86	78	60	68	89	54	78
„ „ Measles - - -	18	14	23	33	44	32	53	50	58	41	47	44	45
„ „ Scarlet fever - -	19	16	23	17	15	17	27	16	18	25	14	16	24
„ „ Diphtheria - - -	6	5	4	4	5	3	8	4	5	6	3	2	4
„ „ Whooping-cough -	38	38	40	28	36	37	48	69	42	46	30	43	58
„ „ Typhus fever - - -	7	2	1	2	1	4	1	3	2	4	4	3	2
„ „ Enteric (or Typhoid) fever -	9	11	13	20	15	18	10	19	8	17	11	13	12
„ „ Simple Contagious fever -	2	4	2	3	5	3	3	5	2	5	3	5	2
„ „ Diarrhoea - - -	16	14	22	10	10	11	7	9	13	11	12	9	20
„ „ Simple Cholera - -	-	-	-	-	-	-	-	1	-	-	-	-	-
„ „ Dis. of Respiratory Organs -	355	303	355	452	498	575	645	554	420	343	349	327	355
„ „ Phthisis - - -	166	168	169	226	189	201	224	208	199	162	167	192	208
„ „ Heart Diseases - -	96	84	95	102	102	103	114	111	89	91	88	92	93
Violent Deaths - - -	45	54	46	59	52	51	60	54	59	65	51	46	53
Inquest Cases - - -	83	120	90	114	106	94	130	109	129	116	87	84	85
Deaths in Public Institutions	275	329	311	387	349	350	367	332	334	294	346	296	334
TEMPERATURE OF THE AIR:													
Mean - - - - -	46·4	40·4	39·1	36·9	41·7	37·7	46·4	47·8	46·9	42·5	44·7	41·3	49·2
Mean of Highest readings -	51·8	45·8	46·6	42·7	49·0	47·3	55·1	57·5	55·9	49·8	54·4	51·4	61·6
Mean of Lowest readings -	42·2	35·7	33·2	32·9	34·8	30·1	40·2	41·7	41·6	37·0	37·6	35·1	38·8
Mean Temperature of the Water of the Thames - }	47·5	44·4	41·3	41·8	41·0	42·7	44·9	49·4	50·9	48·9	48·3	48·4	50·1
Humidity of the Air - - -	82	79	75	80	73	81	82	82	83	76	78	72	71
Rain-fall in inches - - -	0·78	0·68	0·31	0·47	0·07	0·56	0·91	0·85	1·73	0·35	0·08	0·20	0·24
Registered Sunshine (in hours)	9·3	9·8	17·0	17·4	26·5	26·7	24·8	20·4	9·4	14·1	26·6	21·2	52·7

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the NINETEENTH Week of the Year 1877.

CAUSES OF DEATH.	Average in the Nineteenth Weeks of the 10 years 1867-76.*	In the Week ending Saturday, May 12, 1877.								CAUSES OF DEATH.	Average in the Nineteenth Weeks of the 10 years 1867-76.*	In the Week ending Saturday, May 12, 1877.							
		Deaths of Persons of the Ages										Deaths of Persons of the Ages							
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
			Mean Tem.	0-1.	1-5.								5-20.	Mean Tem.	0-1.					1-5.	5-20.
Temperature -	51°3	49°2							Mean Temperature -	51°3	49°2								
USES - -	1339°8	1613	325	310	110	241	280	297	50	9. Stricture of Intestines	1°1	-	-	-	-	-	-	-	
ED CAUSES	1330°5	1613	325	310	110	241	280	297	50	10. Fistula - - -	°5	-	-	-	-	-	-	-	
IC DISEASES.										11. Stomach Disease, &c.	6°1	8	2	1	1	1	3	-	
DER 1.										12. Pancreas Disease, &c.	-	-	-	-	-	-	-	-	
pox - - -	33°1	78	8	12	16	33	8	1	-	13. Hepatitis - - -	2°9	3	-	-	2	-	1	-	
Fever - -	33°1	45	9	34	1	1	-	-	-	14. Jaundice - - -	3°9	3	1	-	-	1	-	1	
eria - - -	34°7	24	3	16	5	-	-	-	-	15. Liver Disease, &c.	21°9	22	-	-	5	8	9	-	
- - -	6°8	4	-	3	-	-	-	1	-	16. Spleen Disease, &c.	°3	-	-	-	-	-	-	-	
- - -	1°1	1	-	-	-	-	-	1	-	ORDER 5.									
ing-cough	12°0	12	4	7	1	-	-	-	-	1. Nephritis - - -	2°5	3	-	-	1	2	-	-	
s - - -	63°2	58	17	38	3	-	-	-	-	2. Ischuria - - -	°3	-	-	-	-	-	-	-	
cor Typhoid Fev.	30°4	2	-	-	1	1	-	-	-	3. Bright's Dis. (Nephria)	11°1	13	-	-	1	3	5	4	
s continued Fev.	7°8	2	-	6	4	1	1	-	-	4. Diabetes - - -	2°1	3	-	-	1	1	-	1	
elas - - -	3°8	5	1	-	1	-	1	1	1	5. Calculus (Stone)	1°3	1	-	-	-	-	1	-	
ral Fev. (Metria)	°9	1	-	-	-	-	-	1	-	6. Cystitis - - -	1°3	2	-	-	-	-	2	-	
acle - - -	°5	-	-	-	-	-	-	-	-	7. Kidney Disease, &c.	7°2	12	1	-	1	4	4	2	
za - - -	1°2	3	-	-	-	1	2	-	-	ORDER 6.									
ery - - -	18°8	20	8	5	2	3	2	-	-	1. Ovarian Dropsy	°8	-	-	-	-	-	-	-	
ea - - -	°1	-	-	-	-	-	-	-	-	2. Uterus Disease, &c.	4°0	3	-	-	1	1	1	-	
Cholera - -	°5	-	-	-	-	-	-	-	-	ORDER 7.									
ent Fever -	°1	-	-	-	-	-	-	-	-	1. Synovitis (Arthritis)	°4	-	-	-	-	-	-	-	
atism - - -	6°4	7	-	-	2	1	1	3	-	2. Joint Disease, &c.	5°4	10	1	2	4	1	1	1	
ymotic Diseases	°4	2	1	1	-	-	-	-	-	ORDER 8.									
DER 2.										1. Phlegmon - - -	2°5	4	-	1	1	2	-	-	
s - - -	8°2	1	1	-	-	-	-	-	-	2. Ulcer - - -	°5	2	-	1	-	-	-	1	
re of Urethra	1°3	2	-	-	-	1	-	1	-	3. Skin Disease, &c.	1°5	4	2	2	-	-	-	-	
phobia - -	-	-	-	-	-	-	-	-	-	IV. DEVELOPMENTAL DISEASES.									
rs - - -	°1	-	-	-	-	-	-	-	-	ORDER 1.									
DER 3.										1. Premature Birth	18°7	26	26	-	-	-	-	-	
on - - -	-	1	-	-	-	-	-	1	-	2. Cyanosis - - -	2°0	2	1	1	-	-	-	-	
f Breast-milk-	8°0	9	9	-	-	-	-	-	-	3. Spina Bifida - -	1°2	3	3	-	-	-	-	-	
a and Scurvy -	2°5	4	-	2	-	1	1	-	-	4. Other Malformations	1°7	1	1	-	-	-	-	-	
a Del. Tremens	1°5	-	-	-	-	-	-	-	-	5. Teething - - -	16°3	17	4	13	-	-	-	-	
b Intemperance	1°3	-	-	-	-	-	-	-	-	ORDER 2.									
DER 4.										1. Paramenia - - -	°1	1	-	-	1	-	-	-	
, &c. - - -	2°8	1	1	-	-	-	-	-	-	2. Childbirth (see Puer-) peral Fever) - -	4°8	6	-	-	1	4	1	-	
ITUTIONAL.										ORDER 3.									
DER 1.										1. Old Age - - -	44°3	49	-	-	-	-	28	21	
- - -	3°3	-	-	-	-	-	-	-	-	ORDER 4.									
- - -	8°6	18	1	2	-	4	2	4	-	1. Atrophy and Debility	55°1	59	42	5	-	-	2	10	
- - -	35°1	43	-	-	-	5	22	16	-	V. VIOLENT DEATHS, &c.									
m Oris (Noma)	°6	-	-	-	-	-	-	-	-	ORDER 1.									
cation - - -	2°9	5	-	-	-	-	-	3	2	(ACCIDENT. OR NEGLIGENCE.)									
DER 2.										1. Fractures & Contusions	18°9	19	-	2	3	7	3	4	
a - - -	9°2	15	3	6	5	1	-	-	-	2. Wounds { Gunshot Cut, Stab }	°1	-	-	-	-	-	-	-	
Mesenterica	21°7	19	11	7	1	-	-	-	-	3. Burns and Scalds	3°9	9	-	5	3	-	1	-	
s - - -	180°4	208	7	8	18	94	71	10	-	4. Poison - - -	°8	1	-	-	-	1	-	-	
cephalus - -	31°5	24	9	14	1	-	-	-	-	5. Drowning - - -	7°1	2	-	-	1	-	1	-	
L DISEASES.										6. Suffocation - -	10°1	12	12	-	-	-	-	-	
DER 1.										7. Otherwise - - -	2°0	2	1	-	-	1	-	-	
itis - - -	17°8	31	9	14	5	2	-	1	-	ORDER 3.									
xy - - -	37°7	47	-	3	-	3	22	18	3	(HOMICIDE.)									
sis - - -	29°6	33	1	-	-	4	4	20	4	1. Murder & Manslaughter	1°9	2	1	-	-	-	1	-	
y - - -	1°2	1	-	-	-	1	-	-	-	ORDER 4.									
y - - -	°2	1	-	-	-	1	-	-	-	SUICIDE.)									
y - - -	6°2	9	-	1	-	6	-	2	-	1 Wounds { Gunshot Cut, Stab }	°3	-	-	-	-	-	-	-	
sions - - -	51°0	54	38	16	-	-	-	-	-	2. Poison - - -	1°1	1	-	-	-	-	1	-	
Disease, &c.	17°5	23	1	2	3	1	9	7	-	3. Drowning - - -	1°5	1	-	-	-	-	1	-	
DER 2.										4. Hanging - - -	1°4	1	-	-	-	-	-	-	
ditis - - -	2°2	2	-	-	2	-	-	-	-	5. Otherwise - - -	°3	-	-	-	-	-	-	-	
sm - - -	3°4	4	-	-	-	1	3	-	-	ORDER 5.									
Disease, &c.	70°4	87	1	-	11	12	25	36	2	(EXECUTION.)									
DER 3.										1. Hanging - - -	-	-	-	-	-	-	-	-	
zitis - - -	7°9	8	5	2	-	1	-	-	-	Violent Deaths (not classed)	°7	2	-	1	-	-	1	-	
itis - - -	126°4	203	46	32	1	7	34	70	13	Sudden Deaths (Cause unascertained) -	°8	-	-	-	-	-	-	-	
y - - -	2°7	4	-	-	1	1	1	1	-	Causes not specified or ill-defined - -	8°5	-	-	-	-	-	-	-	
monia - - -	70°4	106	22	40	5	14	16	9	-										
a - - -	7°1	13	-	-	-	1	5	6	1										
Disease, &c.	15°8	21	7	4	2	-	3	5	-										
DER 4.																			
is - - -	1°6	3	-	-	-	2	-	1	-										
is - - -	3°6	8	1	2	-	1	2	2	-										
itis - - -	°8	7	1	-	3	1	-	2	-										
- - -	1°5	3	-	-	-	-	1	2	-										
tion of Intestines	2°8	4	-	-	-	1	3	-	-										
- - -	2°0	5	2	-	-	-	3	-	-										
- - -	3°1	3	-	-	-	-	2	1	-										
useption - -	1°8	-	-	-	-	-	-	-	-										

* averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1877.

Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.		Enu- me- rated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include														Inquest Cases.	Deaths in Public Institutions.
					Deaths of		Deaths from													
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.				
LONDON		3,254,260	2378	1613	325	347	78	45	24	4	58	2	12	2	20	53	85	334		
WEST DISTRICTS.																				
St. Mary Paddington WH		58728	41	34	7	9	1	-	-	-	3	-	-	-	1	1	1	4		
St. John Paddington H		38085	14	10	3	3	-	-	-	-	1	-	-	-	-	1	1	1		
Kensington Town W		91645	68	41	4	15	-	-	-	-	-	-	-	-	-	1	2	9		
Brompton H		28654	12	6	2	1	-	-	1	-	-	-	-	-	-	-	-	-		
St. Peter Hammersmith		6662	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Paul Hammersmith H		36029	43	23	7	3	-	-	1	-	3	-	-	-	-	-	-	-		
Fulham WvH		23350	29	16	3	3	2	-	-	-	2	-	-	-	-	-	-	4		
Chelsea South HHH		26420	15	16	3	8	-	-	1	-	-	-	-	-	-	-	-	1		
Chelsea North-west WHHHH		22926	19	15	-	2	-	1	-	-	-	-	-	-	-	1	-	2		
Chelsea North-east		21392	14	7	-	4	-	-	-	-	-	-	-	-	-	-	-	-		
Hanover Square H		18698	5	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
May Fair WW		13358	3	6	-	2	-	-	-	-	-	-	-	-	-	-	-	3		
Belgrave HH		57972	30	29	5	3	-	-	2	-	-	-	-	-	1	2	3	5		
St. John Westminster HH		38478	29	20	5	-	-	-	-	-	-	2	-	-	-	1	1	3		
St. Margaret Westminster WH		27781	11	19	6	6	-	-	-	-	-	-	-	-	-	-	-	6		
Golden Square WH		12860	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Berwick-street H		20759	9	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Anne Soho HHHHH		17562	7	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
NORTH DISTRICTS.																				
All Souls Marylebone HHHH		28579	13	15	3	8	-	-	-	-	-	-	-	-	-	-	-	7		
Cavendish Square HH		15425	1	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-		
Rectory Marylebone WH		26384	17	19	4	7	-	-	-	-	-	-	-	-	1	1	2	11		
St. Mary Marylebone HHH		21786	20	8	-	4	-	-	-	-	-	-	-	-	-	-	-	-		
Christchurch Marylebone H		33944	25	13	4	1	-	-	-	-	1	-	-	-	-	1	1	-		
St. John Marylebone H		33136	19	10	2	3	-	-	-	-	1	-	1	-	-	-	-	-		
Hampstead WvHH		32281	17	28	4	-	18	-	1	-	-	-	-	-	1	1	1	20		
Regent's Park Pancras		38200	22	20	4	7	-	1	-	-	1	-	1	-	-	-	1	-		
Tottenham-court wHHH		29370	24	19	3	5	-	-	-	-	-	-	-	-	-	-	2	7		
Gray's Inn Lane HH		29221	21	7	-	-	1	-	-	-	1	-	-	-	-	-	-	2		
Somers Town		38533	20	9	1	1	-	-	-	-	1	-	-	-	-	-	3	-		
Camden Town W		17943	7	5	1	3	-	-	-	-	-	-	-	-	-	1	1	-		
Kentish Town w		68198	46	25	5	9	1	-	-	1	-	-	-	-	-	-	1	5		
Islington West HHH		97820	75	43	13	7	5	2	-	-	1	-	-	-	-	2	3	6		
Islington East WvvhH		115958	84	62	13	16	-	8	1	-	-	-	-	1	1	1	3	4		
Stoke Newington H		9841	13	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Stamford Hill		6598	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
West Hackney		28069	32	15	4	3	1	3	-	-	-	-	-	-	-	-	-	-		
Hackney WvvhHL		50104	43	33	3	5	12	1	-	-	-	-	-	-	1	-	-	17		
South Hackney		30339	28	13	5	3	1	-	-	-	-	-	-	-	-	1	3	-		
CENTRAL DISTRICTS.																				
St. George Bloomsbury		17853	9	6	1	2	-	-	-	-	-	-	-	-	-	-	-	-		
St. Giles South WH		19109	23	14	4	3	-	1	-	-	1	-	-	-	-	-	-	5		
St. Giles North		16594	6	5	-	1	-	-	-	-	-	-	-	-	-	-	1	-		
Long Acre		11379	6	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Charing Cross HH		9859	1	4	-	1	-	-	-	-	-	-	-	-	-	2	2	3		
St. Mary-le-Strand		9378	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. Clement Danes H		10723	4	10	1	1	-	2	-	-	-	-	-	-	-	2	2	5		
St. George-the-Martyr HHHHH		20521	6	7	1	-	-	1	-	-	-	-	-	-	-	-	1	3		
St. Andrew Eastern W		13529	3	16	2	4	-	-	-	-	-	1	-	-	-	-	1	6		
Saffron Hill H		9066	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. James Clerkenwell W		18917	19	12	3	3	-	-	-	-	1	-	-	-	3	-	-	5		
Amwell Clerkenwell		16884	11	7	2	1	1	-	-	-	-	-	-	-	-	-	-	-		
Pentonville		13337	10	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-		
Goswell-street		16242	18	3	2	-	-	-	-	-	-	-	-	-	1	1	1	-		
Old-street H		12161	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
City-road HHL		18301	25	11	3	1	-	-	-	-	-	1	-	-	-	-	-	1		
Whitecross-street		13792	5	3	2	-	-	1	-	-	1	-	-	-	-	-	-	-		
Finsbury		10741	9	5	1	-	-	1	-	-	-	-	-	-	-	-	-	-		
St. Botolph East London H		14540	7	10	2	3	-	-	-	2	-	-	-	-	-	-	-	-		
Cripplegate		13638	6	8	4	1	-	1	-	-	-	-	-	-	-	-	-	-		
St. Sepulchre H		7562	1	15	-	1	-	-	-	-	1	-	-	-	-	1	2	12		
St. Bride W		11185	4	6	2	2	-	-	-	-	-	-	-	-	-	-	-	-		
Castle Baynard		4426	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Christchurch		6270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Queenhithe		4753	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Allhallows Barking		5764	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Broad Street H		7845	2	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-		

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page.

DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
r, 12th May 1877.

				The DEATHS registered in the Week include																
REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	Deaths of		Deaths from													Inquest Cases.	Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.					
EAST DISTRICTS.																				
Shoreditch - - - -	12430	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
rd Shoreditch <i>HL†</i> - - - -	16545	12	8	3	1	-	-	-	-	-	-	-	-	-	-	1	1	1		
ew Town <i>w</i> - - - -	27835	18	18	5	7	-	-	-	-	-	-	-	-	-	-	-	-	8		
ld Town - - - -	26933	13	14	4	-	-	3	-	1	-	-	-	-	-	-	-	-	-		
on West <i>W</i> - - - -	24162	16	14	1	3	-	2	-	-	1	-	-	-	-	-	-	1	3		
on East <i>H</i> - - - -	19259	18	9	2	1	-	1	1	-	-	-	-	-	-	-	1	3	-		
road - - - -	29822	28	9	2	1	-	1	-	-	1	-	-	-	-	-	-	-	-		
athnal Green <i>WHL†</i> - - - -	42433	43	24	8	5	-	-	2	-	-	-	-	-	-	-	2	2	9		
athnal Green - - - -	26577	21	15	2	3	-	2	-	-	2	-	-	-	-	-	1	-	-		
athnal Green - - - -	21272	9	13	-	1	-	2	-	-	2	-	-	-	-	-	-	-	-		
la <i>H</i> - - - -	22499	20	3	1	1	-	1	-	-	-	-	-	-	-	-	-	1	-		
New Town <i>W</i> - - - -	15550	14	11	2	6	-	-	2	-	-	-	-	-	-	-	-	-	8		
pel North - - - -	11597	7	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
pel Church <i>H</i> - - - -	7322	2	22	1	1	-	-	-	-	-	1	-	-	-	-	5	4	20		
's Fields - - - -	10381	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
- - - -	9224	3	6	2	-	1	-	-	-	-	-	-	-	-	1	-	-	-		
St. George East - - - -	17900	10	8	3	1	-	-	-	-	-	-	-	-	-	-	1	2	-		
St. George East - - - -	21350	21	9	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George East <i>W</i> - - - -	8802	6	13	-	4	-	-	-	-	-	-	-	-	-	-	1	2	9		
<i>H</i> - - - -	11640	4	5	2	-	-	-	-	-	-	-	-	-	-	-	-	1	2		
le <i>W</i> - - - -	16131	7	6	-	2	-	-	-	-	-	-	-	-	-	-	-	1	-		
- - - -	29919	17	10	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
Old Town Western - - - -	38128	29	18	2	4	-	1	-	-	-	-	1	-	-	-	-	-	-		
Old Town Eastern <i>WwH</i> - - - -	55024	62	29	6	6	-	-	2	-	1	-	1	-	2	-	2	-	7		
<i>wHL†</i> - - - -	67765	63	45	6	13	3	-	-	-	6	-	-	-	1	3	4	1	15		
<i>W</i> - - - -	48611	46	17	5	-	1	-	-	-	3	-	1	-	-	-	-	1	1		
SOUTH DISTRICTS.																				
rch Southwark <i>WH</i> - - - -	14573	11	7	1	2	-	-	-	-	1	-	-	-	-	-	-	-	2		
ar Southwark <i>H</i> - - - -	15677	11	6	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-		
- - - -	20421	16	8	3	1	1	-	-	-	-	-	-	-	-	-	1	1	-		
road <i>WH</i> - - - -	16695	7	6	3	-	-	-	-	-	-	-	1	-	-	-	1	1	2		
road <i>HL</i> - - - -	18961	16	9	1	3	-	-	-	-	-	-	3	-	-	-	-	-	-		
ewington - - - -	23682	22	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Walworth <i>W</i> - - - -	48248	74	48	7	10	1	-	1	1	3	-	-	1	1	-	-	-	14		
Newington - - - -	16792	11	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Southwark <i>H</i> - - - -	4373	1	16	1	3	-	-	-	-	-	-	-	-	-	-	6	6	13		
Horsleydown <i>W</i> - - - -	10500	3	6	3	-	-	-	-	-	-	-	-	-	-	1	-	-	3		
arket - - - -	16787	14	8	3	1	-	1	-	-	-	-	-	-	-	1	-	-	-		
Magdalen <i>W</i> - - - -	15709	10	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Bermondsey - - - -	47933	48	18	1	5	2	2	-	-	1	-	-	-	-	-	-	-	-		
he <i>W</i> - - - -	27096	13	13	3	4	-	-	-	-	-	-	-	-	-	-	1	1	2		
road 1st <i>H</i> - - - -	14074	14	11	6	1	-	-	-	-	-	-	1	-	-	-	1	1	-		
road 2nd <i>H</i> - - - -	18465	16	11	5	1	1	-	1	-	-	-	-	-	-	-	1	1	-		
Church 1st <i>H</i> - - - -	19492	15	15	2	1	1	-	-	-	-	-	-	-	-	-	1	2	8		
Church 2nd <i>WW</i> - - - -	35833	31	22	3	5	2	-	-	-	-	2	-	-	-	-	-	-	7		
on 1st - - - -	41286	14	16	1	6	1	-	-	-	-	-	-	-	-	1	-	1	-		
on 2nd - - - -	31221	27	14	2	3	-	-	-	2	-	-	-	-	-	-	-	-	-		
<i>w</i> - - - -	35435	26	35	6	4	14	1	-	-	1	1	-	-	-	-	-	-	13		
<i>W</i> - - - -	12536	4	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
<i>H</i> - - - -	27347	23	8	2	2	-	-	-	-	-	1	-	-	-	-	-	-	-		
<i>Ww</i> - - - -	54016	77	39	11	7	-	-	-	1	-	1	1	2	-	-	1	2	7		
th <i>HL</i> - - - -	19783	12	10	1	4	-	-	-	3	-	-	-	-	-	-	-	-	3		
- - - -	9439	2	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
- - - -	14475	24	8	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
- - - -	4041	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ell <i>WLL†</i> - - - -	31254	28	12	1	4	-	-	-	-	-	-	-	-	-	-	-	-	5		
<i>W</i> - - - -	42160	43	13	-	3	-	-	-	-	-	-	-	-	-	-	1	1	-		
Camberwell - - - -	33851	26	14	2	4	2	-	-	-	-	1	-	-	-	1	-	-	-		
Deptford <i>w</i> - - - -	53714	39	31	10	8	3	-	-	-	-	1	-	1	-	-	1	1	3		
as Deptford - - - -	6474	4	6	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
on West - - - -	21034	11	12	2	2	-	-	-	-	-	1	-	-	-	-	1	1	-		
on East <i>WH</i> - - - -	19378	20	15	4	6	-	-	-	-	-	1	-	-	-	-	1	2	5		
<i>H</i> - - - -	4539	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
- - - -	16440	6	3	2	-	-	-	-	-	-	1	-	-	-	-	-	-	-		
Village <i>WH</i> - - - -	11513	15	6	-	3	-	-	-	-	-	-	-	-	-	1	-	-	2		
<i>H</i> - - - -	19065	8	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
<i>H</i> - - - -	9564	4	6	-	1	1	-	-	-	-	1	-	-	-	-	-	-	4		
Dockyard - - - -	17226	10	6	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Arsenal <i>WHH</i> - - - -	18331	16	5	2	3	-	1	-	-	-	-	-	-	-	-	-	-	-		
ed West - - - -	13027	13	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
ed East <i>W</i> - - - -	15232	17	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1		

owing WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the
e by *w* :-

London Sick Asylum in Tottenham-court sub-district.

Kentish Town sub-district.

City Workhouse in Islington East sub-district.

Infirmary

City Workhouse " Hackney sub-district.

" " Hoxton New Town sub-district.

Chapel " " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and
Bow sub-district.
Stepney Bow sub-district.

Poplar & Stepney Sick Asylum

Westminster Union Industrial School in Battersea sub-district.

Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-
ney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 12th May 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enume- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include											Inquest Cases.	Deaths in Public Institutions.
						Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhea.	Violence.			
	LONDON—OUTER RING	368,414	631,381	522	285	60	81	3	4	1	1	5	5	-	6	11	47	
29:1	Carshalton W - - -	12228	13523	12	4	1	2	-	-	-	-	-	-	-	1	1	-	
2	Epsom (part of) * WH -	9971	9145	-	3	1	1	-	-	-	-	-	-	-	-	-	-	
36:1	Godstone (part of) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
37:1	Croydon WWH - - -	20851	71319	43	35	8	7	-	-	-	-	2	1	-	-	-	5	
2	Mitcham WH - - -	11697	12534	8	2	-	1	-	-	-	-	-	-	-	-	-	-	
38:1	Wimbledon HH - - -	3220	9087	6	4	1	-	-	-	-	-	-	-	-	-	1	-	
2	Kingston WH - - -	8549	27489	21	16	3	6	-	1	-	-	-	-	-	-	-	2	
3	Esher (part of) * - - -	6601	7353	3	2	-	-	-	-	-	-	-	-	-	-	-	-	
4	Hampton - - -	4573	10185	9	3	1	2	-	-	-	-	-	-	-	-	-	-	
39:1	Richmond WH - - -	2271	16329	11	6	2	3	-	-	-	-	-	-	-	1	1	-	
2	Mortlake - - -	2961	9316	11	8	3	-	-	-	-	-	-	-	-	2	2	-	
40:1	Bromley (part of) * HH -	15669	19509	21	10	2	5	-	-	-	-	-	-	-	-	-	-	
2	Chislehurst (part of) * W -	13665	10028	5	4	1	1	-	-	-	-	-	-	-	1	1	-	
41:1	Bexley H - - -	13439	19566	12	6	1	2	-	1	-	-	-	1	-	-	-	-	
123:1	Sunbury W - - -	11055	9860	4	2	1	1	-	-	-	-	-	-	-	-	1	-	
2	Staines W - - -	13277	10339	13	2	-	-	-	-	-	-	-	-	-	-	-	-	
124:1	Hillingdon WH - - -	6029	9712	10	4	1	2	-	-	-	-	-	-	-	-	-	1	
2	Uxbridge - - -	6178	5329	-	2	-	-	-	-	-	-	-	-	-	-	-	-	
3	Hayes WL - - -	14537	10497	1	8	-	3	-	-	-	-	-	-	-	-	-	7	
125:1	Isleworth W - - -	7008	19930	13	8	1	4	-	-	-	-	-	-	-	-	1	3	
2	Twickenham - - -	2477	10533	7	3	1	1	-	-	-	-	-	-	-	-	-	-	
3	Brentford HL - - -	4370	20279	13	5	-	2	-	-	-	-	-	1	-	-	-	1	
4	Chiswick - - -	1311	8508	10	3	1	-	-	-	-	-	-	-	-	-	-	-	
5	Acton WH - - -	6087	12683	9	3	-	1	-	-	-	-	-	-	-	-	-	-	
126:1	Harrow H - - -	13809	10869	10	4	1	-	-	-	-	-	-	-	-	-	-	-	
2	Edgware - - -	6994	3450	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Willesden - - -	4333	15869	23	7	2	2	-	1	-	-	-	-	-	-	1	-	
4	Hendon WH - - -	8382	6972	3	4	1	-	-	-	1	-	-	-	-	-	-	-	
127:1	South Mimms - - -	15419	5924	3	1	-	1	-	-	-	-	-	-	-	-	-	-	
2	Barnet -W - - -	5423	7752	4	4	-	1	-	-	-	-	-	-	-	-	-	-	
3	Finchley L - - -	4688	11493	4	15	-	4	-	-	-	-	-	1	-	-	-	11	
128:1	Hornsey H - - -	3039	19357	12	8	1	2	-	1	-	-	2	-	-	-	-	-	
2	Tottenham H - - -	4642	22869	24	3	1	-	-	-	-	-	-	-	-	-	-	-	
3	Edmonton WW - - -	7433	13860	7	10	2	2	-	-	-	-	-	-	-	-	-	5	
4	Enfield WH - - -	12653	16054	27	5	1	4	-	-	-	-	-	-	-	-	-	-	
5	Waltham Abbey - - -	11017	5197	5	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Cheshunt - - -	8493	7518	3	2	1	-	-	-	-	-	-	-	-	-	-	-	
134:1	Hatfield (part of) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
136:1	Bushey - - -	9028	6472	6	-	-	-	-	-	-	-	-	-	-	-	-	-	
185:1	Stratford - - -	882	23236	29	10	1	5	-	-	-	-	-	-	-	1	1	-	
2	West Ham WWWW - - -	7345	44642	61	31	8	4	3	-	-	-	1	1	-	-	-	3	
3	Leyton WW - - -	4274	15513	24	18	4	7	-	-	-	-	-	-	-	-	-	9	
4	Walthamstow H - - -	6619	15701	16	4	-	-	-	-	-	1	-	-	-	-	-	-	
186:1	Chigwell (part of) * H -	10433	8169	5	2	-	1	-	-	-	-	-	-	-	-	-	-	
188:1	Romford (part of) * - -	6730	2879	4	1	-	1	-	-	-	-	-	-	-	-	-	-	
2	Ilford - - -	8492	5947	2	8	5	3	-	-	-	-	-	-	-	-	1	-	
3	Barking Town - - -	4128	6576	5	5	3	-	-	-	-	-	-	-	-	-	-	-	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—29:2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36:1, the two parishes of Warlingham and Farley in Godstone sub-district; 38:3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40:1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40:2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134:1, only the parish of Northaw in Hatfield sub-district; 186:1, the whole of the Chigwell sub-district, except the parish of Thoidon-Bourne (pop. 793); 188:1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 12th May 1877.

THE REATER ONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from										Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhœa.	Violence.			
TER LONDON	446,494	4,367,547	22·7	3·2	1898	385	428	81	49	25	5	63	21	20	59	381		
ER LONDON -	78,080	3,533,484	23·8	3·6	1613	325	347	78	45	24	4	58	16	20	53	334		
ER RING -	368,414	834,063	17·8	1·2	285	60	81	3	4	1	1	5	5	-	6	47		

—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 7 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 78,080 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 28 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN.		BIRTHS.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
		Week ending		Exclusive of	Stillborn.		
CALCUTTA -	429,535	April	7	-	265	32·1	Fever 52; cholera 59.
BOMBAY -	644,405	"	10	-	739	59·6	Small-pox 69; measles 19; cholera 19.
MADRAS -	397,552	March	23	224	1170	153·0	Small-pox 436; cholera 155; fevers 114.
PARIS -	1,851,792	May	10	-	1052	29·5	Small-pox 5; typhoid fever 19.
GENEVA* -	67,829	"	5	44	24	18·5	—
BRUSSELS -	188,609	"	5	98	84	23·1	Small-pox 4; whooping-cough 5.
AMSTERDAM -	289,981	"	5	203	169	29·6	Croup 5; measles 11.
ROTTERDAM -	136,231	"	5	113	83	30·6	—
THE HAGUE -	104,095	"	5	61	37	18·5	—
COPENHAGEN -	215,000	"	8	153	109	26·4	Whooping-cough 4.
STOCKHOLM -	144,305	April	28	-	97	34·3	Scarlet fever 10.
CHRISTIANIA -	79,000	May	5	62	31	20·4	Diphtheria and croup 4.
BERLIN -	997,269	April	21	778	487	25·5	Scarlet fever 12; diphtheria 18.
HAMBURG(State) -	393,588	"	21	319	196	26·0	—
DRESDEN -	202,295	"	28	140	129	33·2	Diphtheria and croup 3.
BRESLAU -	246,813	May	5	218	124	25·1	—
MUNICH -	209,000	"	5	197	145	36·0	Diphtheria and croup 3.
VIENNA -	714,548	"	5	671	379	27·6	Small-pox 14; diphtheria 21.
BUDA-PESTH -	315,401	April	28	253	263	43·3	Whooping-cough 7; typhus 17.
ROME -	272,560	"	21	127	113	21·1	Diphtheria and croup 9; small-pox 3.
NAPLES -	454,948	"	22	-	268	30·7	Typhus 5; croup 6.
TURIN -	223,488	"	28	131	116	26·5	—
VENICE -	139,796	"	25	65	65	24·1	—
ALEXANDRIA -	212,034	"	28	156	188	46·3	Whooping-cough 13.
NEW YORK -	1,077,228	"	14	-	502	24·2	Scarlet fever 33; diphtheria 19.
BROOKLYN -	527,830	"	14	-	202	19·9	Scarlet fever 16; diphtheria 15.
PHILADELPHIA -	850,856	"	21	-	327	20·1	Small-pox 3; typhoid fever 12.
BOSTON -	363,000	"	14	-	132	18·9	Scarlet fever 8; diphtheria 6.

* With suburbs, including Genf, Plain-palais, and Eaux-Vives.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 12th MAY, 1877.
[Under the Superintendence of the Astronomer Royal.]

MOON.		READINGS OF THERMOMETERS.										DIFFERENCE				WIND.						RAIN.				
Phases of Moon.		BARO-METER.		Dry			Dew Point.		Highest in the sun, as shown by a self-registering Thermometer with bulb in vacuo, placed on the Grass.		Lowest on the Grass, as shown by a self-registering Thermometer.		In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between Dew Point Temperature and Air Temperature.		Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*		Degree of humidity, complete saturation being represented by 100.		As deduced from Anemometers.				Collected in a gauge whose receiving surface is 5 in. above the ground.	
		Mean daily reading (corrected and reduced to 32 deg. Fahrenheit)		Low-est.		Range in day.		Mean daily value.		Mean daily value.		Thermo-meter.		Thermo-meter.		Mean daily value.		Great-est.		Least.		Pressure on square foot.		Amount of Horizontal Movement of Air each day.		Depart-ure from Average of 16 years.

DATE.	Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.	
MAY.					
SUNDAY . 6		12.5	15.1	A very fine day. The amount of cloud was generally small.	
MONDAY . 7		12.1	15.1	A very fine day. Generally cloudless.	
TUESDAY . 8	Weak electricity was shown occasionally.	13.0	15.2	A very fine day. Generally cloudless till evening; partially cloudy at night.	
WEDNESDAY . 9		7.4	15.2	A fine day; partially cloudy.	
THURSDAY . 10		6.3	15.3	A fine day; partially cloudy. Solar halo in afternoon.	
FRIDAY . 11		1.3	15.3	Cloudy. Showery.	
SATURDAY . 12	Strong positive and negative with sparks and galvanic currents shown between 10h. A.M. and noon.	0.1	15.4	Generally overcast. Distant thunder in afternoon. Frequent showers.	
..	..	Sum 52.7	Sum 106.6		
No. of Col.		29	30		

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873.

*In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and - "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased to 29.41 in. by 9h. A.M. on the 10th; decreased to 29.32 in. by 3h. P.M. on the 9th; increased to 29.41 in. by 9h. A.M. on the 10th; decreased to 29.34 in. by 3h. P.M. on the same day; and increased to 29.43 in. by the end of the week.

WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON

AND IN TWENTY-TWO OTHER LARGE TOWNS

OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

[No. 20. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, MAY 19. [Price 1½d.]

*General Register Office, Somerset House,
21st May, 1877.*

UNITED KINGDOM.

DURING last week 5596 *births* and 3864 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 1732. The mortality from all causes was at the average rate of 25 deaths annually in every 1000 persons living. The annual death-rate was 25 per 1000 in Edinburgh, 30 in Glasgow, and 26 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Brighton 16, Portsmouth 17, Hull 20, Leicester 21, Sunderland 21, Plymouth 21, Norwich 22, London 23, Wolverhampton 23, Bradford 24, Leeds 24, Birmingham 24, Bristol 26, Nottingham 26, Sheffield 26, Newcastle-upon-Tyne 26, Liverpool 29, Manchester 31, Salford 33, and Oldham 34. The annual death-rate from the seven principal zymotic diseases averaged 3·6 per 1000 in the twenty towns, and ranged from 0 and 1·4 in Norwich and Plymouth, to 4·9 and 6·4 in Bristol and Oldham. Whooping-cough showed fatal prevalence in Bristol and Sheffield. The deaths referred to small-pox in the twenty towns, which had been 62 and 92 in the two preceding weeks, were 85 last week, of which 70 occurred in London, 1 in Liverpool (exclusive of one municipal fatal case in the Toxteth Workhouse), 1 in Manchester and Salford (exclusive of 3 municipal fatal cases in the Monsall hospital), 4 in Oldham, one in Brighton, and one in Plymouth. The prevalence of small-pox in Oldham is reported to be increasing rapidly.

LONDON.

In LONDON 2410 BIRTHS and 1564 DEATHS were registered. Allowing for increase of population, the births exceeded by 91, and the deaths by 174, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 22·0 and 23·8 per 1000, was last week 23·1.

The 1564 deaths included 70 from small-pox, 59 from measles, 20 from scarlet fever, 4 from diphtheria, 59 from whooping-cough, 12 from different forms of fever, and 22 from diarrhoea; thus to the seven principal diseases of the zymotic class 246 deaths were referred, against 189 and 245 in the two preceding weeks. These 246 deaths were 18 above the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 3·6 per 1000. The 59 fatal cases of measles exceeded the numbers in recent weeks, and included 5 in Islington, 6 in Hackney, 7 in Holborn, 9 in Shoreham, 6 in Bethnal Green, and 8 in Southwark. Of the 59 deaths from whooping-cough, 6 occurred in Kentish Town, 4 in Islington, and 4 in Bow and Poplar. Four deaths from scarlet fever were returned in Bethnal Green. Only 12 deaths were referred to fever, or 19 less than the corrected weekly average; 2 were certified as typhus, 6 as enteric or typhoid, and 4 as simple fever. Of the two fatal cases of typhus, one occurred in Maltby-street, Bermondsey, and the other in the Stockwell Fever Hospital, to which it had been admitted from Denyer-street, Chelsea.

The fatal cases of small-pox, which in the two preceding weeks had been 54 and 78, were 70 last week; 24 were certified as unvaccinated, 13 as vaccinated, and in the remaining 33 cases nothing was stated as to vaccination in the medical certificates. The 70 included 32 which were recorded in the Metropolitan Asylum Hospitals, and 6 in the Highgate Hospital; whereas 32 occurred in private dwellings. Excluding two extra-metropolitan cases, and distributing the 36 other fatal hospital cases, it appears that 8 of the deceased small-pox patients had resided in South-

wark, 7 in Bow, 5 in Hackney, 4 in Fulham, 4 in Wandsworth, and 4 in Camberwell. Of those recorded in private dwellings, 3 occurred in Pancras, 3 in Hackney, 3 in Shoreditch, 3 in Mile End, 5 in Bow, and 3 in Battersea. The large proportion of fatal cases of small-pox among children under 5 years of age in East London affords presumptive evidence of the neglect or inefficiency of vaccination in this portion of the Metropolis.

The Metropolitan Asylum District Hospitals contained 925 small-pox patients on Saturday last, showing a further increase upon the 824, 846, and 854 at the end of the three preceding weeks. The number of new cases admitted during the week was 254, against 246 and 219 in the two previous weeks, and exceeded the number of admissions in any previous week of the present epidemic.

No less than 15 deaths of women were referred to puerperal fever or the accidents of childbirth, exceeding the corrected average weekly number by 6; of the 8 deaths from puerperal fever, 3 occurred in South London.

The deaths referred to diseases of the respiratory organs, which had been 327 and 355 in the two previous weeks, were 338 last week, and exceeded the corrected weekly average by 107; 200 resulted from bronchitis, and 98 from pneumonia.

Different forms of violence caused 48 deaths; 36 were the result of negligence or accident, including 14 from fractures and contusions, 5 from burns and scalds, 5 from drowning, and 10 of infants under one year of age from suffocation. The 14 deaths by fractures and contusions were thus caused: female aged 77, run over by a brougham; male 21, and male 2, run over by a van; female 74, fell against a horse; male 36, run over by a cab; male 15, crushed on railway; male 46, run over on railway; male one, and male 57, fell from a window; male 56, fell from a height (nature of height not stated); male 6 months, and male 52, by blow or fall (not stated which); male 59, by fall of heavy substance on; and male 57, by fall (nature of fall not stated). An inquest was held in each of these 14 cases; 8 occurred in hospitals, and one in a workhouse.

In the large Public Institutions 315 deaths were recorded, or 20 per cent. of the total deaths; of these, 214 occurred in Workhouse Establishments, 100 in Hospitals, and one in a Lunatic Asylum.

GREATER LONDON.

In Greater London 2916 births and 1812 deaths were registered, equal to annual rates of 34·8 and 21·6 per 1000 of the population. The fatal cases of small-pox in the Outer Ring were 7, against 7 and 3 in the two preceding weeks; 5 occurred in West Ham, one in Carshalton sub-district, and one in Bushey. Two deaths from enteric fever occurred in Croydon, and 2 in Bexley; and 2 fatal cases of scarlet fever were returned in Tottenham and in Edmonton.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 30, Bombay 70; Madras 145; Paris 27; Geneva 27; Brussels 26; Amsterdam 30, Rotterdam 34, The Hague 21; Copenhagen 32; Stockholm 37; Christiania 16; Berlin 27, Hamburg 27, Dresden 27, Breslau 30; Munich 40; Vienna 31, Buda-Pesth 44; Rome 23, Naples 30, Turin 26, Venice 24; Alexandria 49; New York 22, Brooklyn 19, Philadelphia 18, and Boston 18. The 1105 deaths in Madras included 439 from small-pox, 123 from cholera, and 128 from fevers.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·67 in.; the lowest reading was 29·43 in. at the beginning of the week, and the highest 29·93 in. on Wednesday morning. The mean temperature of the *air* was 51°·1, and 1°·2 below the average in the corresponding week of the 60 years 1814-73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed a slight excess on Tuesday and Friday, whereas it was below the average on each of the other days of the week; on Saturday the mean was but 48°·3, and showed a deficiency of 5°·3. The lowest night temperature was 41°·6 on Wednesday, and the highest day temperature in the shade 64°·9 on Friday; the extreme range in the week was, therefore, 23°·3. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in *vacuo* placed on the grass, was 119°·5 on Friday. The difference between the mean *dew-point* and *air* temperature averaged 5°·4. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 54°·4. The mean degree of *humidity* of the air was 82, complete saturation being represented by 100. The direction of the *wind* was variable, and the horizontal movement of the air averaged 12·0 miles per hour, which was 2·7 above the average in the corresponding week of 16 years. *Rain* fell on five days during the week, to the aggregate amount of ·80 of an inch. The duration of registered sunshine in the week was 19·5 hours, out of the 109·0 hours that the sun was above the horizon.

1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 Towns of the United Kingdom, during the Week ending Saturday, the 19th day of May 1877.

TOWNS AND VILLAGES.	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 19th May 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.		
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.	
ENGLAND AND WALES.		212,881	8,144,940	38.3	5596	3864	70.0	32.8	50.0	10.00	1.18	3.00
London.		75,362	3,533,484	46.9	2410	1564	64.9	41.6	51.1	10.62	0.80	2.03
Birmingham.		2,354	102,264	43.4	73	31	62.0	45.0	51.7	10.95	0.97	2.46
Manchester.		4,486	127,144	28.3	69	42	70.0	48.6	55.7	13.17	0.82	2.08
Leeds.		7,472	84,023	11.2	47	35	65.0	42.2	49.7	9.83	0.89	2.26
Sheffield.		1,395	72,911	52.3	52	30	62.0	44.0	52.0	11.11	1.57	3.99
Nottingham.		4,452	202,950	45.6	130	100	63.5	41.2	51.2	10.67	0.99	2.51
Southampton.		3,396	73,389	21.6	57	33	61.8	40.5	48.7	9.28	1.29	3.28
London.		8,400	377,436	44.9	284	177	-	-	-	-	-	-
London.		3,200	117,461	36.7	84	48	-	-	-	-	-	-
London.		1,996	95,025	47.6	66	47	64.6	38.5	48.9	9.39	1.09	2.77
London.		5,210	527,083	101.2	390	288	60.8	45.1	50.2	10.11	1.01	2.57
London.		4,293	359,213	83.7	249	213	67.0	32.8	49.2	9.55	1.66	4.22
London.		5,170	141,184	27.3	121	90	60.8	40.3	48.1	8.95	1.57	3.99
London.		4,666	89,796	19.2	65	59	-	-	-	-	-	-
London.		7,220	179,315	24.8	119	83	60.2	41.2	47.0	8.33	1.22	3.10
London.		21,572	298,189	13.8	192	139	64.0	42.0	48.0	8.89	0.95	2.41
London.		19,651	282,130	14.4	182	142	64.0	42.0	48.3	9.06	1.66	4.22
London.		3,635	140,002	38.5	102	53	-	-	-	-	-	-
London.		3,306	110,382	33.4	66	45	65.0	42.0	48.1	8.95	0.75	1.90
London.		5,371	142,231	26.5	120	72	-	-	-	-	-	-
London.		4,191	218,729	52.2	127	103	62.0	40.0	48.1	8.95	1.17	2.97
London.		6,033	555,933	92.1	432	315	59.5	41.5	50.6	10.34	1.70	4.32
London.		10,050	314,666	31.3	159	155	66.7	40.5	53.2	11.78	1.13	2.87

* Names of the Meteorological Observers in the several towns, see note at foot of Table 4.

† Figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by an increase of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The number for Dublin is taken as stationary at the number enumerated in April 1871.

2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 1,055,612 persons, and in DUBLIN, during the Week ending Saturday the 19th day of May 1877.

TOWNS, &c.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include													
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.		
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.				
DUBLIN.)																	
Boundaries, All LONDON (DUBLIN.)																	
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TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the TWENTIETH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2263	2223	1911	2277	2069	2150	2179	2262	1983	2353	2167·0	2410
Males . .	1165	1104	950	1217	1070	1116	1119	1123	1047	1166	1107·7	1247
Females .	1098	1119	961	1060	999	1034	1060	1139	936	1187	1059·3	1163
TOTAL Deaths	1119	1268	1281	1313	1486	1268	1271	1326	1322	1341	1299·5	1564
Males . .	595	691	677	697	778	659	626	726	714	722	688·5	791
Females .	524	577	604	616	708	609	645	600	608	619	611·0	773

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867-76 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Feb. 24.	Mar. 3.	Mar. 10.	Mar. 17.	Mar. 24.	Mar. 31.	Apr. 7.	Apr. 14.	Apr. 21.	Apr. 28.	May 5.	May 12.	May 19.
TOTAL Deaths - - -	1495	1529	1782	1800	1802	2052	1922	1714	1532	1557	1490	1613	1564
0—20 - - -	675	700	810	850	766	898	877	778	740	722	708	745	758
20—40 - - -	206	232	269	247	270	277	242	233	219	212	220	241	200
40—60 - - -	289	258	326	277	301	380	323	314	257	281	274	280	272
60—80 - - -	263	289	313	338	382	417	391	315	264	289	241	297	265
at 80 years & upwds.	62	48	64	88	83	80	89	74	52	53	47	50	69
Deaths of { Under 1 year -	323	334	372	392	385	420	380	373	356	345	334	325	341
children { 1—5 - - -	259	246	306	331	269	361	372	277	272	277	260	310	318
{ 5—20 - - -	93	122	132	127	112	117	125	123	112	100	114	110	99
Deaths from 7 principal Zymo- totic Diseases }	208	212	213	231	201	243	253	208	223	213	189	245	246
„ „ Smallpox - - -	104	84	96	100	76	86	78	60	68	89	54	78	70
„ „ Measles - - -	14	23	33	44	32	53	50	58	41	47	44	45	59
„ „ Scarlet Fever - -	16	23	17	15	17	27	16	18	25	14	16	24	20
„ „ Diphtheria - - -	5	4	4	5	3	8	4	5	6	3	2	4	4
„ „ Whooping-cough -	38	40	28	36	37	48	69	42	46	30	43	58	59
„ „ Typhus fever - - -	2	1	2	1	4	1	3	2	4	4	3	2	2
„ „ { Enteric (or Ty- phoid) fever - - }	11	13	20	15	18	10	19	8	17	11	13	12	6
„ „ { Simple Cont'd fever	4	2	3	5	3	3	5	2	5	3	5	2	4
„ „ Diarrhoea - - -	14	22	10	10	11	7	9	13	11	12	9	20	22
„ „ Simple Cholera - -	-	-	-	-	-	-	1	-	-	-	-	-	-
„ „ Dis. of Respira- tory Organs - }	303	355	452	498	575	645	554	420	343	349	327	355	338
„ „ Phthisis - - -	168	169	226	189	201	224	208	199	162	167	192	208	149
„ „ Heart Diseases - -	84	95	102	102	103	114	111	89	91	88	92	93	91
Violent Deaths - - -	54	46	59	52	51	60	54	59	65	51	46	53	48
Inquest Cases - - -	120	90	114	106	94	130	109	129	116	87	83	84	104
Deaths in Public Institutions	329	311	387	349	350	367	332	334	294	346	296	334	315
TEMPERATURE OF THE AIR:													
Mean - - - - -	40·4	39·1	36·9	41·7	37·7	46·4	47·8	46·9	42·5	44·7	41·3	49·2	51·1
Mean of Highest readings -	45·8	46·6	42·7	49·0	47·3	55·1	57·5	55·9	49·8	54·4	51·4	61·6	60·6
Mean of Lowest readings -	35·7	33·2	32·9	34·8	30·1	40·2	41·7	41·6	37·0	37·6	35·1	38·8	45·3
Mean Temperature of the Water of the Thames - }	44·4	41·3	41·8	41·0	42·7	44·9	49·4	50·9	48·9	48·3	48·4	50·1	54·4
Humidity of the Air - - -	79	75	80	73	81	82	82	83	76	78	72	71	82
Rain-fall in inches - - -	0·68	0·31	0·47	0·07	0·56	0·91	0·85	1·73	0·35	0·08	0·20	0·24	0·80
Registered Sunshine (in hours)	9·8	17·0	17·4	26·5	26·7	24·8	20·4	9·4	14·1	26·6	21·2	52·7	19·5

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filiter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTIETH Week of the Year 1877.

DEATH.	Average in the Twentieth Weeks of the 10 years 1867-76.	In the Week ending Saturday, May 19, 1877.								CAUSES OF DEATH.	Average in the Twentieth Weeks of the 10 years 1867-76.	In the Week ending Saturday, May 19, 1877.							
		Deaths of Persons of the Ages										Deaths of Persons of the Ages							
		ALL AGES.	Under 20.			40. 20 and under	60. 40 and under	80. 60 and under	Years and upwards.			ALL AGES.	Under 20.			40. 20 and under	60. 40 and under	80. 60 and under	Years and upwards.
			Mean Tem.	0-1.	1-5.								5-20.	Mean Tem.	0-1.					1-5.	5-20.
Temperature -	51.7	51.1							Mean Temperature	51.7	51.1								
ES -	1299.5	1564	341	318	99	200	272	265	69	9. Stricture of Intestines	1.1	-	-	-	-	-	-		
CAUSES	1292.9	1562	339	318	99	200	272	265	69	10. Fistula -	.7	-	-	-	-	-	-		
DISEASES.										11. Stomach Disease, &c. -	4.7	13	3	1	-	2	4		
1. -	39.6	70	3	21	16	19	10	1	-	12. Pancreas Disease, &c. -	-	-	-	-	-	-	-		
2. -	29.6	59	13	44	2	-	-	-	-	13. Hepatitis -	3.6	3	-	-	1	1	1		
3. -	30.7	20	1	11	6	1	1	-	-	14. Jaundice -	3.5	7	2	-	1	2	2		
4. -	7.3	4	1	1	2	-	-	-	-	15. Liver Disease, &c. -	22.5	18	1	-	1	4	7		
5. -	1.1	20	4	15	1	-	-	-	-	16. Spleen Disease, &c. -	.4	-	-	-	-	-	-		
6. -	11.0	59	22	34	3	-	-	-	-	ORDER 5.									
7. -	60.8	2	-	-	1	1	-	-	-	1. Nephritis -	2.5	2	-	-	1	1	-		
8. -	29.0	4	6	2	3	1	-	-	-	2. Ischuria -	.2	-	-	-	-	-	-		
9. -	6.8	8	5	1	1	-	-	-	-	3. Bright's Dis. (Nephria) -	11.2	14	-	1	-	4	6		
10. -	3.8	8	-	-	-	8	-	-	-	4. Diabetes -	2.4	4	-	-	-	2	2		
11. -	1.2	-	-	-	-	-	-	-	-	5. Calculus (Stone) -	1.1	1	-	-	-	1	-		
12. -	.3	-	-	-	-	-	-	-	-	6. Cystitis -	1.1	-	-	-	-	-	-		
13. -	1.5	3	-	-	1	-	1	1	-	7. Kidney Disease, &c. -	9.4	4	-	-	-	1	3		
14. -	16.0	22	11	9	-	-	-	1	1	ORDER 6.									
15. -	.6	-	-	-	-	-	-	-	-	1. Ovarian Dropsy -	.4	2	-	-	-	2	-		
16. -	.4	-	-	-	-	-	-	-	-	2. Uterus Disease, &c. -	4.9	7	-	-	-	3	1		
17. -	9.2	10	-	-	-	3	4	2	1	ORDER 7.									
18. -	.3	1	-	1	-	-	-	-	-	1. Synovitis (Arthritis) -	.4	-	-	-	-	-	-		
19. -										2. Joint Disease, &c. -	6.0	9	-	-	2	3	2		
20. -										ORDER 8.									
21. -										1. Phlegmon -	3.6	6	1	-	-	2	1		
22. -										2. Ulcer -	1.4	2	-	-	-	-	2		
23. -										3. Skin Disease, &c. -	1.1	3	2	1	-	-	-		
24. -										IV. DEVELOPMENTAL DISEASES.									
25. -										ORDER 1.									
26. -										1. Premature Birth -	20.8	26	26	-	-	-	-		
27. -										2. Cyanosis -	1.7	3	1	1	1	-	-		
28. -										3. Spina Bifida -	1.1	3	2	1	-	-	-		
29. -										4. Other Malformations -	2.5	3	3	-	-	-	-		
30. -										5. Teething -	14.2	10	6	4	-	-	-		
31. -										ORDER 2.									
32. -										1. Paramenia -	.4	-	-	-	-	-	-		
33. -										2. Childbirth (see Puer- peral Fever) -	4.5	7	-	-	-	4	3		
34. -										ORDER 3.									
35. -										1. Old Age -	40.7	59	-	-	-	-	25	34	
36. -										ORDER 4.									
37. -										1. Atrophy and Debility -	52.0	48	35	9	-	-	4	-	
38. -										V. VIOLENT DEATHS, &c.									
39. -										ORDER 1.									
40. -										(ACCIDENT OR NEGLIGENCE.)									
41. -										1. Fractures & Contusions -	18.0	14	1	2	1	2	6	2	
42. -										2. Wounds { Gunshot -	.3	-	-	-	-	-	-	-	
43. -										{ Cut, Stab -	-	-	-	-	-	-	-	-	
44. -										3. Burns and Scalds -	3.7	5	2	3	-	-	-	-	
45. -										4. Poison -	1.2	-	-	-	-	-	-	-	
46. -										5. Drowning -	5.4	5	-	-	1	3	-	1	
47. -										6. Suffocation -	8.6	11	10	-	-	-	-	1	
48. -										7. Otherwise -	2.1	1	-	-	-	1	-	-	
49. -										ORDER 3.									
50. -										(HOMICIDE.)									
51. -										1. Murder & Manslaughter -	2.8	2	1	-	-	1	-	-	
52. -										ORDER 4.									
53. -										(SUICIDE.)									
54. -										1. Wounds { Gunshot -	.7	1	-	-	-	1	-	-	
55. -										{ Cut, Stab -	2.0	1	-	-	-	1	-	-	
56. -										2. Poison -	.6	2	-	-	-	1	-	-	
57. -										3. Drowning -	1.6	1	-	-	-	1	-	-	
58. -										4. Hanging -	1.8	4	-	-	-	1	2	1	
59. -										5. Otherwise -	.5	1	-	-	-	-	1	-	
60. -										ORDER 5.									
61. -										(EXECUTION.)									
62. -										1. Hanging -	-	-	-	-	-	-	-	-	
63. -										Violent Deaths(not classed)	.8	-	-	-	-	-	-	-	
64. -										Sudden Deaths (Cause unascertained) -	.9	-	-	-	-	-	-	-	
65. -										Causes not specified or ill-defined -	5.7	2	2	-	-	-	-	-	

Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, TYPHUS, ENTERIC (OR TYPHOID) FEVER, SIMPLE CONTINUED FEVER, DIARRHOEA, VIOLENCE, and INQUEST CASES, during the Week ending—

REGISTRATION SUB-DISTRICTS.		Enu- me- rated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include														Inquest Cases.
					Deaths of		Deaths from												
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.			
LONDON - - -		3,254,260	2410	1564	341	334	70	59	20	4	59	2	6	4	22	48	104		
WEST DISTRICTS - - -		561,359	351	261	52	79	1	1	2	2	7	-	1	2	1	8	18		
NORTH DISTRICTS - - -		751,729	561	384	75	84	30	14	3	2	14	-	-	1	4	12	28		
CENTRAL DISTRICTS - - -		334,369	215	162	41	21	-	9	1	-	9	-	-	-	3	5	13		
EAST DISTRICTS - - -		639,111	507	317	81	55	16	19	7	-	15	-	-	-	5	13	27		
SOUTH DISTRICTS - - -		967,692	776	440	92	95	23	16	7	-	14	2	5	1	9	10	18		
WEST DISTRICTS.																			
St. Mary Paddington WH - - -		58728	52	32	5	8	-	-	-	-	2	-	1	-	-	1	2		
St. John Paddington H - - -		38085	13	15	1	2	-	-	-	1	-	-	-	-	-	2	3		
Kensington Town W - - -		91645	45	47	10	20	-	-	-	-	1	-	-	-	-	1	5		
Brompton H - - -		28654	15	6	1	2	-	-	-	-	-	-	-	-	-	-	-		
St. Peter Hammersmith - - -		6662	6	1	-	-	1	-	-	-	-	-	-	-	-	-	-		
St. Paul Hammersmith H - - -		36029	25	21	6	9	-	-	-	-	1	-	-	-	1	-	1		
Fulham WvH - - -		23350	21	23	5	7	-	-	-	-	-	-	-	-	-	-	2		
Chelsea South HHH - - -		26420	20	10	2	2	-	-	-	1	-	-	-	-	-	-	-		
Chelsea North-west WHHHH - - -		22926	27	19	3	4	-	1	-	-	-	-	-	-	-	-	1		
Chelsea North-east - - -		21392	18	3	-	2	-	-	-	-	-	-	-	1	-	-	-		
Hanover Square H - - -		18698	10	2	-	1	-	-	-	-	-	-	-	-	-	-	-		
May Fair WW - - -		13358	7	7	1	2	-	-	-	1	-	-	-	-	-	-	-		
Belgrave HH - - -		57972	32	30	10	8	-	-	-	1	-	2	-	-	-	1	1		
St. John Westminster HH - - -		38478	20	16	6	3	-	-	-	-	1	-	-	-	-	-	1		
St. Margaret Westminster WH - - -		27781	9	11	-	3	-	-	-	-	-	-	-	1	-	1	1		
Golden Square WH - - -		12860	11	3	-	2	-	-	-	-	-	-	-	-	-	-	-		
Berwick-street H - - -		20759	7	5	-	2	-	-	-	-	-	-	-	-	-	1	1		
St. Anne Soho HHHHH - - -		17562	13	10	2	2	-	-	-	-	-	-	-	-	-	1	-		
NORTH DISTRICTS.																			
All Souls Marylebone HHHH - - -		28579	18	16	1	4	-	-	-	-	1	-	-	-	1	2	2		
Cavendish Square HH - - -		15425	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
Rectory Marylebone WH - - -		26384	17	23	5	8	-	-	-	-	2	-	-	-	1	-	3		
St. Mary Marylebone HHH - - -		21786	20	8	2	2	-	-	-	-	-	-	-	-	-	-	2		
Christchurch Marylebone H - - -		33944	20	8	2	1	-	-	-	-	-	-	-	-	-	-	-		
St. John Marylebone H - - -		33136	11	6	1	1	-	-	-	-	-	-	-	-	-	1	1		
Hampstead WvHH - - -		32281	24	18	1	2	8	-	-	-	-	-	-	-	-	-	-		
Regent's Park Pancras - - -		38200	14	15	3	3	-	1	-	-	-	-	-	-	-	2	3		
Tottenham-court vHHH - - -		29370	16	16	1	4	1	1	-	-	-	-	-	-	-	1	1		
Gray's Inn Lane HH - - -		29221	22	16	4	1	-	-	-	-	1	-	-	-	-	-	1		
Somers Town - - -		38533	26	12	5	1	-	-	-	-	1	-	-	-	-	-	1		
Camden Town WH - - -		17943	26	21	4	11	-	-	-	-	-	-	-	-	-	-	1		
Kentish Town w - - -		68198	57	46	10	8	2	1	-	-	6	-	-	-	-	-	1		
Islington West HHH - - -		97820	82	45	10	4	7	1	2	-	2	-	-	-	-	2	4		
Islington East WvvhH - - -		115958	111	54	10	13	-	4	-	1	2	-	-	-	2	1	3		
Stoke Newington H - - -		9841	12	5	-	2	-	2	-	-	-	-	-	-	-	-	-		
Stamford Hill - - -		6598	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
West Hackney - - -		28069	18	15	4	4	1	4	-	-	-	-	-	-	-	1	1		
Hackney WvvhL - - -		50104	32	47	11	11	11	-	-	-	-	-	-	-	-	2	4		
South Hackney - - -		30339	30	11	-	4	-	-	1	-	-	-	-	1	-	-	-		
CENTRAL DISTRICTS.																			
St. George Bloomsbury - - -		17853	8	5	1	1	-	-	-	-	1	-	-	-	-	-	1		
St. Giles South WH - - -		19109	8	10	3	-	-	1	-	-	1	-	-	-	-	-	2		
St. Giles North - - -		16594	6	13	2	5	-	1	-	-	-	-	-	-	1	-	-		
Long Acre - - -		11379	10	8	4	-	-	-	-	-	-	-	-	-	-	-	-		
Charing Cross HH - - -		9859	4	8	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Mary-le-Strand - - -		9378	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Clement Danes H - - -		10723	3	4	2	-	-	-	-	-	-	-	-	-	-	-	-		
St. George-the-Martyr HHHHH - - -		20521	15	13	5	-	-	1	1	-	-	-	-	-	-	-	-		
St. Andrew Eastern W - - -		13529	8	9	3	1	-	-	-	-	1	-	-	-	-	-	1		
Saffron Hill H - - -		9066	6	6	-	1	-	1	-	-	-	-	-	-	-	-	-		
St. James Clerkenwell W - - -		18917	20	16	6	2	-	2	-	-	1	-	-	-	2	1	2		
Amwell Clerkenwell - - -		16884	16	4	1	1	-	-	-	-	-	-	-	-	-	2	3		
Pentonville - - -		13337	13	5	2	-	-	-	-	-	-	-	-	-	-	-	-		
Goswell-street - - -		16242	10	5	2	-	-	-	-	-	-	-	-	-	-	-	-		
Old-street H - - -		12161	8	5	-	-	-	1	-	-	-	-	-	-	-	-	-		
City-road HHL - - -		18301	24	11	2	2	-	-	-	-	2	-	-	-	-	-	1		
Whitecross-street - - -		13792	7	5	2	2	-	1	-	-	-	-	-	-	-	-	-		
Finsbury - - -		10741	6	3	1	-	-	1	-	-	-	-	-	-	-	-	-		
St. Botolph East London H - - -		14540	9	3	1	-	-	-	-	-	1	-	-	-	-	-	-		
Cripplegate - - -		13638	9	4	-	2	-	-	-	-	-	-	-	-	-	-	-		
St. Sepulchre H - - -		7562	1	10	-	-	-	-	-	-	1	-	-	-	-	1	2		
St. Bride W - - -		11185	7	3	1	1	-	-	-	-	-	-	-	-	-	-	-		
Castle Baynard - - -		4426	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Christchurch - - -		6270	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Queenhithe - - -		4753	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
Allhallows Barking - - -		5764	3	2	2	-	-	-	-	-	-	-	-	-	-	1	1		
Broad-street H - - -		7845	1	2	-	2	-	-	-	-	-	-	-	-	-	-	-		

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see at the foot of next page.

DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
ay, 19th May 1877.

REGISTRATION SUB-DISTRICTS.		Enu- mer- ated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include													Inquest Cases.	Deaths in Public Institutions.	
					Deaths of		Deaths from													
							Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.			Violence.
EAST DISTRICTS.																				
ell Shoreditch	-	-	12430	7	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
uard Shoreditch	HL†	-	16545	11	11	3	1	-	1	-	-	-	-	-	-	-	-	1	1	-
New Town	w	-	27835	26	12	6	-	-	2	1	-	-	-	-	-	-	-	-	2	-
Old Town	-	-	26933	26	15	7	2	1	5	-	-	-	-	-	-	-	-	-	-	-
ston West	W	-	24162	22	17	4	5	1	1	1	-	-	1	-	-	-	-	-	-	7
ston East	H	-	19259	21	4	1	1	1	-	-	-	-	-	-	-	-	-	1	-	-
by-road	-	-	29822	21	18	7	2	1	2	1	-	-	-	-	-	-	-	-	-	-
Bethnal Green	WHL†	-	42433	43	20	5	7	-	-	2	-	-	-	-	-	-	-	-	-	6
Bethnal Green	-	-	26577	26	16	5	1	-	3	-	-	-	-	-	-	-	1	2	4	-
Bethnal Green	-	-	21272	15	12	3	1	1	1	1	-	-	-	-	-	-	-	3	3	-
ields	H	-	22499	15	8	3	-	-	3	-	-	-	1	-	-	-	-	-	-	-
nd New Town	W	-	15550	18	16	3	8	-	-	1	-	-	-	-	-	-	-	1	2	8
hapel North	-	-	11597	8	5	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-
hapel Church	H	-	7322	6	14	1	4	-	-	-	-	-	-	-	-	-	-	2	2	13
an's Fields	-	-	10381	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
e	-	-	9224	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
ry St. George East	-	-	17900	15	7	2	-	-	-	-	-	-	1	-	-	-	-	-	-	-
al St. George East	-	-	21350	14	6	2	-	-	-	-	-	-	1	-	-	-	-	-	1	-
an St. George East	W	-	8802	6	8	1	3	-	-	-	-	-	-	-	-	-	-	-	-	5
ell	-	-	11640	6	3	-	-	1	-	-	-	-	-	-	-	-	1	-	1	-
r	-	-	16131	12	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ouse	W	-	29919	13	12	1	1	-	-	-	-	-	-	-	-	-	-	1	3	-
nd Old Town Western	-	-	38128	24	15	4	1	-	-	-	-	-	1	-	-	-	-	-	-	-
nd Old Town Eastern	WwwH	-	55024	41	26	8	8	3	-	-	-	-	-	-	-	-	1	-	-	3
owwHL†	-	-	67765	69	42	10	9	5	1	-	-	-	1	-	-	-	1	2	2	12
WW	-	-	48611	34	16	3	-	2	-	-	-	-	3	-	-	-	-	3	3	-
SOUTH DISTRICTS.																				
church Southwark	WH	-	14573	12	10	3	2	-	-	-	-	-	-	-	-	-	1	1	2	2
our Southwark	H	-	15677	12	7	4	1	-	2	-	-	-	-	-	-	-	-	-	-	-
oad	-	-	20421	10	9	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-
gh-road	WH	-	16695	13	8	2	1	-	-	1	-	-	-	-	-	-	-	1	1	3
n-road	HL	-	18961	18	8	-	1	2	-	-	-	-	-	-	-	-	-	-	2	1
y Newington	-	-	23682	13	10	2	3	-	-	-	-	-	1	-	-	-	-	2	2	-
ter Walworth	W	-	48248	48	35	6	5	1	1	-	-	-	2	-	-	-	-	-	-	10
ry Newington	-	-	16792	10	9	5	-	-	3	-	-	-	-	-	-	-	-	-	-	-
ave Southwark	H	-	4373	3	4	-	-	-	-	-	-	-	-	-	-	-	-	2	2	4
nn Horsleydown	W	-	10500	10	7	1	-	-	-	-	-	-	1	-	-	-	1	-	-	3
er Market	-	-	16787	16	3	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-
ry Magdalen	W	-	15709	11	11	2	2	-	-	-	-	-	-	1	-	-	-	-	-	2
ines Bermondsey	-	-	47933	48	15	2	2	-	3	-	-	-	-	-	-	-	-	-	-	-
hrithe	W	-	27096	18	15	3	5	-	-	-	-	-	-	-	-	-	1	1	1	2
loo-road 1st	H	-	14074	10	4	1	-	-	-	-	-	-	1	-	-	-	-	-	-	1
loo-road 2nd	H	-	18465	13	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
eth Church 1st	H	-	19492	11	9	1	1	-	1	-	-	-	-	-	-	-	-	1	1	4
eth Church 2nd	WW	-	35833	32	23	2	8	-	1	1	-	-	1	-	-	-	-	-	1	13
ngton 1st	-	-	41286	26	13	6	4	-	-	-	-	-	-	-	-	-	-	-	-	-
ngton 2nd	-	-	31221	19	13	1	2	-	-	2	-	-	-	-	-	-	-	-	-	10
on w	-	-	35435	28	25	3	5	8	-	-	-	-	1	-	-	-	-	-	-	-
ood	W	-	12536	12	5	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-
am	H	-	27347	21	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ersea	Ww	-	54016	56	39	13	9	3	-	-	-	-	-	-	-	-	-	-	1	5
sworth	HL	-	19783	13	3	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
y	-	-	9439	10	3	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
ham	-	-	14475	8	5	1	1	-	-	-	-	-	1	-	-	-	-	-	-	-
ch	-	-	4041	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
erwell	WL†L†	-	31254	32	11	-	5	-	-	-	-	-	-	-	-	-	-	-	1	4
am	W	-	42160	41	21	7	4	1	-	-	-	-	-	-	-	-	-	-	1	-
orge Camberwell	-	-	33851	27	9	3	-	-	-	-	-	-	-	-	-	-	1	-	-	-
aul Deptford	w	-	53714	48	24	2	2	8	-	-	-	-	1	-	-	-	1	-	-	9
icholas Deptford	-	-	6474	4	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
wich West	-	-	21034	13	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-	6
wich East	WH	-	19378	18	12	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
m	H	-	4539	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
ham	-	-	16440	7	12	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-
ham Village	WH	-	11513	11	6	2	-	-	-	-	-	-	1	-	-	-	1	-	-	-
ham	H	-	19065	9	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
ton	H	-	9584	6	2	1	1	-	-	-	-	-	1	-	-	-	-	-	-	-
wich Dockyard	-	-	17226	16	3	1	1	-	-	-	-	-	-	-	-	-	1	1	1	-
wich Arsenal	WHH	-	18331	13	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
stead, West	-	-	13027	20	8	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-
stead, East	W	-	15232	9	8	1	6	-	1	-	-	-	-	-	-	-	1	-	-	6

Following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by *w*:-

Central London Sick Asylum in Tottenham-court sub-district.	London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Kentish Town sub-district.	Stepney
London City Workhouse in Islington East sub-district.	Poplar & Stepney Sick Asylum
Aborn Infirmary " Hackney sub-district.	Westminster Union Industrial School in Battersea sub-district.
London City Workhouse " Hoxton New Town sub-district.	Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-
Aborn " " Mile End Old Town Eastern sub-dist.	ney, Brixton, and St. Paul Deptford sub-districts.
Whitechapel " " "	

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 19th May 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enume- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include											
						Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.		
	LONDON—OUTER RING	368,414	631,381	506	248	50	64	7	1	5	2	-	9	-	14	17	17
29: 1	Carshalton W - - -	12228	13523	14	7	1	2	1	-	-	-	-	-	-	2	2	-
2	Epsom (part of) * WH -	9971	9145	4	2	-	-	-	-	-	-	-	-	-	-	-	-
36: 1	Godstone (part of) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37: 1	Croydon WWH - - -	20851	71319	52	27	4	8	-	-	-	-	-	2	-	1	1	2
2	Mitcham WH - - -	11697	12534	6	4	-	2	-	-	-	-	-	-	-	-	-	-
38: 1	Wimbledon HH - - -	3220	9087	11	8	2	-	-	-	-	-	-	-	-	1	1	-
2	Kingston WH - - -	8549	27489	11	11	5	3	-	-	-	-	-	-	-	1	1	-
3	Esher (part of) * - - -	6601	7353	13	4	-	2	-	-	-	-	-	1	-	-	-	-
4	Hampton - - -	4573	10185	2	4	-	2	-	-	-	-	-	1	-	-	-	-
39: 1	Richmond WH - - -	2271	16829	9	9	1	2	-	-	-	-	-	-	-	1	1	1
2	Mortlake - - -	2961	9316	6	6	-	3	-	-	-	1	-	-	-	1	1	-
40: 1	Bromley (part of) * HH -	15669	19509	21	4	2	2	-	-	-	-	-	-	-	-	-	-
2	Chislehurst (part of) * W -	13665	10028	4	2	-	2	-	-	-	-	-	-	-	-	-	2
41: 1	Bexley H - - -	13439	19566	19	7	2	3	-	-	-	-	-	2	-	-	-	-
123: 1	Sunbury W - - -	11055	9860	5	3	-	-	-	-	-	-	-	-	-	-	-	-
2	Staines W - - -	13277	10339	3	-	-	-	-	-	-	-	-	-	-	-	-	-
124: 1	Hillingdon WH - - -	6029	9712	4	3	-	2	-	-	-	-	-	-	-	-	-	-
2	Uxbridge - - -	6178	5329	5	3	1	1	-	-	-	-	-	-	-	-	-	-
3	Hayes WL - - -	14587	10497	7	7	-	1	-	-	-	-	-	-	-	-	-	5
125: 1	Isleworth W - - -	7008	19930	17	10	2	4	-	-	-	-	-	-	-	2	3	2
2	Twickenham - - -	2477	10533	6	3	-	1	-	-	-	-	-	-	-	-	-	-
3	Brentford HL - - -	4370	20279	21	6	-	2	-	-	-	-	-	-	-	-	-	-
4	Chiswick - - -	1311	8508	6	6	-	1	-	-	-	-	-	-	-	-	-	-
5	Acton WH - - -	6087	12683	15	5	1	-	-	-	-	-	-	-	-	-	-	-
126: 1	Harrow H - - -	13809	10869	6	5	-	4	-	-	-	-	-	1	-	1	1	-
2	Edgware - - -	6994	3450	1	2	-	2	-	-	-	-	-	-	-	1	-	-
3	Willesden - - -	4383	15869	17	6	2	-	-	-	-	-	-	-	-	-	-	-
4	Hendon WH - - -	8382	6972	5	2	1	-	-	-	-	-	-	-	-	-	-	-
127: 1	South Mimms - - -	15419	5924	5	2	1	1	-	-	-	-	-	-	-	-	-	-
2	Barnet W - - -	5423	7752	3	5	1	-	-	-	-	-	-	-	-	1	1	-
3	Finchley L - - -	4688	11493	9	6	1	-	-	-	1	-	-	-	-	-	-	2
128: 1	Hornsey H - - -	3039	19357	21	8	3	-	-	1	-	1	-	-	-	-	-	-
2	Tottenham H - - -	4642	22869	22	11	2	1	-	-	2	-	-	-	-	-	1	-
3	Edmonton WW - - -	7483	13860	11	7	1	3	-	-	2	-	-	1	-	-	-	1
4	Enfield WH - - -	12653	16054	9	1	-	1	-	-	-	-	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	1	2	-	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - -	8493	7518	4	2	1	1	-	-	-	-	-	-	-	-	-	-
134: 1	Hatfield (part of) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136: 1	Bushey - - -	9028	6472	7	1	-	-	1	-	-	-	-	-	-	-	-	-
135: 1	Stratford - - -	882	23286	28	9	3	2	-	-	-	-	-	-	-	-	-	-
2	West Ham WWW - - -	7345	44642	50	20	9	1	5	-	-	-	-	-	-	1	3	2
3	Leyton WW - - -	4274	15513	5	7	1	3	-	-	-	-	-	-	-	1	1	-
4	Walthamstow H - - -	6619	15701	17	6	-	2	-	-	-	-	-	-	-	-	-	-
136: 1	Chigwell (part of) * H -	10483	8169	9	1	1	-	-	-	-	-	-	-	-	-	-	-
138: 1	Romford (part of) * - -	6730	2879	4	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - -	8492	5947	3	1	1	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4123	6576	8	3	1	-	-	-	-	-	-	1	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warringham and Farley in Godstone sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134: 1, only the parish of Northaw in Hatfield sub-district; 136: 1, the whole of the Chigwell sub-district, except the parish of Thoydon-Bols (pop. 798); 138: 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 19th May, 1877.

THE REATER ONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from										Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.			
TER LONDON	446,494	4,367,547	21·6	3·2	1812	391	398	77	60	25	6	59	21	22	62	332		
TER LONDON -	78,080	3,533,484	23·1	3·6	1564	341	334	70	59	20	4	59	12	22	48	315		
TER RING -	368,414	834,063	15·5	1·5	248	50	64	7	1	5	2	-	9	-	14	17		

—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 17 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 4 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 28 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA -	429,535	April 14	-	243	29·5	Fever 52; cholera 37.
BOMBAY -	644,405	" 17	-	865	69·8	Small-pox 59; remittent fever 355; cholera 48.
MADRAS -	397,552	March 30	194	1105	144·5	Small-pox 439; cholera 123; fevers 128.
PARIS -	1,851,792	May 17	-	970	27·2	Small-pox 2; typhoid fever 21; measles 11.
GENEVA* -	67,829	" 12	37	35	26·9	—
BRUSSELS -	188,609	" 12	103	93	25·6	Small-pox 5; whooping-cough 2.
AMSTERDAM -	289,981	" 12	186	170	29·8	Croup 3; measles 15.
ROTTERDAM -	136,231	" 12	105	88	33·5	—
THE HAGUE -	104,095	" 12	73	41	20·5	—
COPENHAGEN -	215,000	" 15	189	133	32·3	Whooping - cough 10; typhoid fever 2.
STOCKHOLM -	144,305	" 5	-	103	36·5	Scarlet fever 5; measles 8.
CHRISTIANIA -	79,000	" 12	60	25	16·5	—
BERLIN -	997,269	April 28	764	517	27·0	Scarlet fever 9; diphtheria 18; typhus 17.
HAMBURG (State)	393,588	" 28	307	200	26·5	Diphtheria and croup 5.
DRESDEN -	202,295	May 5	162	104	26·7	Scarlet fever 3; typhoid fever 4.
BRESLAU -	246,813	" 12	167	146	29·5	Diarrhoea 5.
MUNICH -	209,000	" 12	178	159	40·0	Diphtheria and croup 10.
VIENNA -	714,548	" 12	603	427	31·1	Small-pox 16; diphtheria 13.
BUDA-PESTH -	315,401	" 5	252	269	44·3	Whooping - cough 17; typhus 13.
ROME -	278,099	April 28	125	124	23·1	Small-pox 2; diphtheria and croup 11.
NAPLES -	454,948	" 29	-	265	30·4	Typhus 3; croup 6.
TURIN -	223,488	May 5	136	111	25·5	Diphtheria and croup 6; typhd. fev. & typhus 8.
VENICE -	139,796	" 5	82	65	24·2	Diphtheria and croup 2; typhoid fever 8.
ALEXANDRIA -	212,034	" 5	193	198	48·7	Whooping-cough 14.
NEW YORK -	1,077,228	April 21	-	454	21·9	Scarlet fever 31; diphtheria 22.
BROOKLYN -	527,830	" 21	-	197	19·4	Scarlet fever 22; diphtheria 12.
PHILADELPHIA -	850,856	" 28	-	297	18·2	Small-pox 8; typhoid fever 8.
BOSTON -	363,000	" 21	-	123	17·6	Scarlet fever 2; diphtheria 6.

* With suburbs, including Genf, Plain-palais, and Eaux-Vives.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 19th May, 1877.

[Under the Superintendence of the Astronomer Royal.]

[illegible]

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending December 31, 1845.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1878.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The readings of the barometer increased from 29·43 in. at the beginning of the week to 29·55 in. by 8h. P.M. on the 13th; decreased to 29·45 in. by 3h. P.M. on the 14th; increased to 29·43 in. by 9h. A.M. on the 15th; decreased to 29·51 in. by 3h. P.M. on the 17th; increased to 29·53 in. by 9h. A.M. on the 18th; decreased to 29·62 in. by noon on the 19th; and was

SKY AND ATMOSPHERE.

DATE.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
MAY.					
SUNDAY	13	{ With slight excep- tious no electricity was shown. }	0·5	15·4	Generally cloudy. Rain in afternoon.
MONDAY	14		0·0	15·5	Overcast. Occasional thin rain.
TUESDAY	15		4·3	15·5	Overcast with rain till 11h. A.M.; fine and partially cloudy afterwards.
WEDNESDAY	16	Strong negative and positive with sparks and currents shown during showers.	4·7	15·6	Very fine in morning; cloudy and showery in afternoon and evening.
THURSDAY	17	Strong negative and positive with sparks shown in afternoon.	0·0	15·6	Overcast with rain till evening; fine at night.
FRIDAY	18	No electricity was shown.	9·7	15·7	Fine; partially cloudy. Vivid lightning at night.
SATURDAY	19	Positive and negative with sparks in afternoon.	0·3	15·7	Generally overcast. Frequent rain.
			Sum 19·5	Sum 109·0	

WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON

AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

O. 21. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, MAY 26. [Price 1½d.

*General Register Office, Somerset House,
28th May, 1877.*

UNITED KINGDOM.

DURING last week 5338 *births* and 3647 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 1691. The mortality from all causes was at the average rate of 23 deaths annually in every 1000 persons living. The annual death-rate was 23 per 1000 in Edinburgh, 30 in Glasgow, and 24 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Brighton 15, Portsmouth 17, Leicester 19, Wolverhampton 19, Newcastle-upon-Tyne 20, London 21, Sunderland 21, Plymouth 21, Bristol 22, Hull 22, Birmingham 23, Bradford 23, Nottingham 26, Norwich 26, Liverpool 27, Leeds 27, Oldham 28, Sheffield 30, Manchester 30, and Salford 35. The annual death-rate from the seven principal zymotic diseases averaged 3·1 per 1000 in the twenty towns, and ranged from 0·4 and 0·5 in Leicester and Brighton, to 5·1 and 7·4 in Manchester and Salford. The deaths referred to small-pox in the twenty towns, which had been 92 and 85 in the two preceding weeks, were 79 last week, of which 69 occurred in London, 4 in Liverpool (exclusive of three municipal fatal cases in the Toxteth Workhouse), 4 in Manchester and Salford (exclusive of 6 municipal fatal cases in the Monsall Hospital), one in Oldham, and one in Birmingham.

LONDON.

In LONDON 2158 BIRTHS and 1392 DEATHS were registered. Allowing for increase of population, the births were 115 below, whereas the deaths exceeded by 9, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 23·8 and 23·1 per 1000, further declined last week to 20·6.

The 1392 deaths included 69 from small-pox, 56 from measles, 21 from scarlet fever, 3 from diphtheria, 34 from whooping-cough, 24 from different forms of fever, and 13 from diarrhœa; thus to the seven principal diseases of the zymotic class 220 deaths were referred, against 245 and 246 in the two preceding weeks. These 20 deaths were 7 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 2·2 per 1000. The 56 fatal cases of measles were within three of the number returned in the previous week, and included 24 in East London; 6 occurred in Islington, 5 in Hackney, 4 in St. Lukes, 12 in Shoreditch, and 7 in Bethnal Green. The 34 deaths from whooping-cough showed a marked decline from the numbers in recent weeks. Four deaths from scarlet fever occurred in Islington, and 1 in Bethnal Green. The 24 deaths referred to fever were 5 below the corrected weekly average; one was certified as typhus, 16 as enteric or typhoid, and 7 as simple continued fever. The death of a barrister's clerk, aged 30 years, was referred to cerebro-spinal fever in Frederick Street, St. Pancras, and 3 fatal cases of enteric fever were recorded in the district of St. Pancras.

The fatal cases of small-pox, which in the two preceding weeks had been 78 and 80, were 69 last week; 28 were certified as unvaccinated, 17 as vaccinated, and in the remaining 24 cases nothing was stated as to vaccination in the medical certificates. The 69 included 36 which were recorded in the Metropolitan Asylum Hospitals, 4 in the Highgate Small Pox Hospital, 2 in the Pancras Small Pox Hospital, and one in the Lewisham Board of Works Hospital; the other 26 fatal cases occurred in private dwellings. After distributing the 43 fatal hospital cases, it appears that 8 of the deceased small-pox patients had resided in St. Pancras, 1 in Hackney, 5 in Islington, 5 in Bow, and 5 in Southwark. Four of the 26 occurring in private dwellings were recorded in Hackney, 3 in Islington, and 3 in

Bow. Twelve of the 69 deaths from small-pox were of children under five years of age, of whom 4 were certified to be unvaccinated, and in the other 8 cases the medical practitioners gave no information as to vaccination. A child aged 16 months died of small-pox on 12th May in Stratfield-road, Bromley, and was returned as vaccinated. The child had had the operation performed, but it did not take; so the child was not *successfully* vaccinated. Medical vaccinators should never sign certificates of successful vaccination unless they see on the arm the well defined marks of cow-pox. "Vaccinated," used alone in a medical certificate of the cause of death, is an ambiguous term, as it is often applied to the mere insertion of lymph on a lancet under the skin; and in this sense the word is misleading, as in the case referred to.

The Metropolitan Asylum District Hospitals contained 964 small-pox patients on Saturday last, showing a further increase upon the numbers in the four preceding weeks, which had risen from 824 to 925. The number of new cases admitted during the week was 219, against 246, 219, and 254 in the three previous weeks.

The deaths referred to diseases of the respiratory organs were 303 last week, against 355 and 338 in the two previous weeks, but exceeded the corrected weekly average by 78.

Different forms of violence caused 36 deaths; 31 were the result of negligence or accident, including 17 from fractures and contusions, 2 from burns and scalds, 3 from drowning, and 6 of infants under one year of age from suffocation. The 17 deaths by fractures and contusions were thus caused: female aged 2, run over by a carriage; female 70, and male 14, run over by a cab; female 2, and female 3, run over by a horse; male 18, crushed on railway; male 22, run over on railway; male 19, killed on a railway (manner not stated); male 48, female 67, and female 64, fell down stairs; male 26, fell from a scaffold; male 55, fell from a ladder; male 5, fell from a gate; male 56, and male 8, by fall (nature of fall not stated); and male 45, by machinery (what machinery not stated). An inquest was held in each of these 17 cases, and 11 occurred in hospitals.

In the large Public Institutions 277 deaths were recorded, or 20 per cent. of the total deaths; of these, 164 occurred in Workhouse Establishments, 107 in Hospitals, and 6 in Lunatic Asylums.

GREATER LONDON.

In Greater London 2607 births and 1643 deaths were registered, equal to annual rates of 31·1 and 19·6 per 1000 of the population. Five deaths were referred to small-pox in the Outer Ring, of which 3 occurred in West Ham, and one each in Croydon and Bushey. Three fatal cases of scarlet fever occurred in Barnet, and two in Edmonton; two deaths from diphtheria were returned in Croydon.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 33, Bombay 67, Madras 128; Paris 28; Geneva 29; Brussels 25; Amsterdam 29, Rotterdam 36, The Hague 22; Copenhagen 23; Stockholm 32; Christiania 23; Berlin 26, Hamburg 29, Dresden 28; Breslau 30, Munich 33; Vienna 31, Buda-Pesth 44; Rome 17, Naples 27, Turin 31, Venice 26; Alexandria 46; New York 23, Brooklyn 22, Philadelphia 18, and Boston 22. Cholera caused 107 deaths in Madras, 54 in Bombay, and 40 in Calcutta.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·01 in.; the highest reading was 30·10 in. on Friday, and the lowest 29·69 in. at the beginning of the week. The mean temperature of the *air* was 49°·1, and 5°·3 below the average in the corresponding week of the 60 years 1814-73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average on each day of the week, and on Wednesday was so low as 45°·2, showing a deficiency of 9°·1; on Saturday the mean rose to 55°·0, and was but slightly below the average. The lowest night temperature was 40°·9 on Wednesday, and the highest day temperature in the shade 67°·6 on Saturday; the extreme range in the week was, therefore, 26°·7. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in *vacuo* placed on the grass, was 121°·9 on Friday. The difference between the mean *dew-point* and *air* temperature averaged 7°·8. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 53°·9. The mean degree of *humidity* of the air was 74, complete saturation being represented by 100. The general direction of the *wind* was northerly, and the horizontal movement of the air averaged 13·1 miles per hour, which was 2·5 above the average in the corresponding week of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·23 of an inch. The duration of registered sunshine in the week was 13·5 hours, out of the 111·4 hours that the sun was above the horizon.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames was 286,074 cubic metres at Crossness, and 342,972 cubic metres at Barking, equivalent to about as many tons by weight.

1. BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday the 26th day of May 1877.

TOWNS	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 26th May 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
TOWNS in the UNITED KINGDOM	212,881	8,144,940	38·3	5338	3647	67·6	32·8	47·9	8·83	0·12	0·30
London	75,362	3,533,484	46·9	2158	1392	67·6	40·9	49·1	9·50	0·23	0·58
South	2,354	102,264	43·4	47	30	61·9	41·3	48·3	9·06	0·34	0·86
North	4,486	127,144	28·3	75	42	-	-	-	-	-	-
West	7,472	84,023	11·2	48	42	63·8	39·2	47·9	8·83	0·46	1·17
East	1,395	72,911	52·3	36	30	62·5	40·5	49·1	9·50	0·07	0·18
Midland	4,452	202,950	45·6	111	84	67·1	33·5	48·5	9·17	0·01	0·03
Manchester	3,396	73,389	21·6	57	27	59·3	36·4	44·8	7·12	0·01	0·03
Birmingham	8,400	377,436	44·9	290	163	-	-	-	-	-	-
Leeds	3,200	117,461	36·7	85	42	66·0	39·5	48·1	8·95	0·02	0·05
Sheffield	1,996	95,025	47·6	73	47	62·0	39·0	46·7	8·17	0·15	0·38
Oldham	5,210	527,083	101·2	365	272	61·0	38·6	47·7	8·72	0·16	0·41
Waterbury	4,293	359,213	83·7	202	208	66·0	40·5	49·2	9·55	0·00	0·00
Gloucester	5,170	141,184	27·3	99	95	63·5	36·1	47·1	8·39	0·02	0·05
Exeter	4,666	89,796	19·2	51	49	-	-	-	-	-	-
Cardiff	7,220	179,315	24·8	116	79	60·0	37·1	45·8	7·67	0·11	0·28
Swansea	21,572	298,189	13·8	216	157	62·0	38·0	46·5	8·06	0·19	0·48
Cardiff	19,651	282,130	14·4	209	162	63·0	37·0	46·5	8·06	0·03	0·08
Cardiff	3,635	140,002	38·5	115	60	64·0	36·0	46·9	8·28	0·07	0·18
Cardiff	3,306	110,382	33·4	103	44	64·0	40·0	47·7	8·72	0·13	0·33
Cardiff	5,371	142,231	26·5	119	55	-	-	-	-	-	-
Cardiff	4,191	218,729	52·2	122	97	64·0	38·5	43·7	9·28	0·08	0·20
Cardiff	6,033	555,933	92·1	437	323	60·0	38·7	51·0	10·56	-	-
Cardiff	10,050	314,666	31·8	204	147	67·0	32·8	50·2	10·11	0·02	0·05

Names of the Meteorological Observers in the several towns, see note at foot of Table 4.
 Figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by an increase of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The figures for Dublin is taken as stationary at the number enumerated in April 1871.

2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 1,055,612 persons, and in DUBLIN, during the Week ending Saturday the 26th day of May 1877.

TOWNS, &c.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.		
TOWNS -	22·8	3·1	3080	709	604	79	91	49	9	106	45	34	91	170	502
- - -	20·6	3·2	1392	293	287	69	56	21	3	34	24	13	36	82	277
N - - -	15·3	0·5	30	7	4	-	-	-	1	-	-	-	-	1	3
UTH - - -	17·2	1·2	42	7	16	-	-	-	-	2	-	1	1	2	8
- - -	26·1	4·4	42	9	14	-	1	1	2	-	-	3	-	3	3
H - - -	21·5	2·2	30	2	10	-	-	1	-	-	2	-	-	1	3
- - -	21·6	2·6	84	23	15	-	1	-	-	5	3	1	3	7	12
AMPTON -	19·2	2·8	27	4	4	-	-	2	-	1	-	1	2	3	7
HAM - - -	22·5	3·2	163	47	31	1	7	2	2	10	-	1	14	22	25
R - - -	18·7	0·4	42	20	8	-	-	1	-	-	-	-	3	2	6
HAM - - -	25·8	0·6	47	21	7	-	-	-	-	1	-	-	2	2	4
OL - - -	26·9	3·5	272	81	46	4	-	2	-	20	8	1	12	13	46
STER - - -	30·2	5·1	208	43	39	2	13	4	-	10	2	4	7	13	48
- - -	35·1	7·4	95	21	10	2	7	5	-	1	1	4	-	-	6
- - -	28·5	1·7	49	15	10	1	-	-	-	2	-	-	1	1	5
D - - -	23·0	1·2	79	13	10	-	-	1	-	2	1	-	2	4	6
- - -	27·5	2·6	157	30	32	-	6	-	-	7	-	2	2	5	16
D - - -	30·0	2·4	162	31	35	-	-	3	-	8	2	1	3	4	10
- - -	22·4	1·9	60	17	14	-	-	-	1	1	1	2	-	1	8
AND - - -	20·8	1·9	44	14	7	-	-	3	-	1	-	-	1	1	3
LE-ON-TYNE	20·2	1·8	55	11	5	-	-	3	-	1	1	-	2	3	6
- - -	24·4	2·2	147	26	33	-	9	1	-	2	1	-	2	2	44

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the TWENTY-FIRST Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	1996	2096	1924	2219	1926	2258	2039	2068	2453	2264	2124·3	2158
Males . .	1016	1067	961	1134	917	1162	1030	1040	1300	1135	1076·2	1099
Females .	980	1029	963	1085	1009	1096	1009	1028	1153	1129	1048·1	1059
TOTAL Deaths	1118	1252	1276	1239	1401	1205	1213	1385	1294	1446	1282·9	1392
Males . .	594	654	658	653	705	631	634	703	682	765	667·9	771
Females .	524	598	618	586	696	574	579	682	612	681	615·0	621

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867–76, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Mar. 3.	Mar. 10.	Mar. 17.	Mar. 24.	Mar. 31.	Apr. 7.	Apr. 14.	Apr. 21.	Apr. 28.	May 5.	May 12.	May 19.	May 26.
TOTAL Deaths - - -	1529	1782	1800	1802	2052	1922	1714	1532	1557	1490	1613	1564	1392
0—20 - - -	700	810	850	766	898	877	778	740	722	708	745	758	651
20—40 - - -	232	269	247	270	277	242	233	219	212	220	241	200	211
40—60 - - -	258	326	277	301	380	323	314	257	281	274	280	272	243
60—80 - - -	289	313	338	382	417	391	315	264	289	241	297	265	250
at 80 years & upwds.	48	64	88	83	80	89	74	52	53	47	50	69	37
Deaths of { Under 1 year -	334	372	392	385	420	380	378	356	345	334	325	341	293
children { 1—5 - - -	246	306	331	269	361	372	277	272	277	260	310	318	249
{ 5—20 - - -	122	132	127	112	117	125	123	112	100	114	110	99	109
Deaths from 7 principal Zy- } } motic Diseases } " " Small-pox - - -	212	213	231	201	243	253	208	223	213	189	245	246	220
" " Measles - - -	84	96	100	76	86	78	60	68	89	54	78	70	69
" " Scarlet fever - -	23	33	44	32	53	50	58	41	47	44	45	59	56
" " Diphtheria - - -	23	17	15	17	27	16	18	25	14	16	24	20	21
" " Whooping-cough -	4	4	5	3	8	4	5	6	3	2	4	4	3
" " Typhus fever - - -	40	28	36	37	48	69	42	46	30	43	58	59	34
" " { Typhus fever - - -	1	2	1	4	1	3	2	4	4	3	2	2	1
" " { Enteric (or Ty- } } phoid) fever - - -	13	20	15	18	10	19	8	17	11	13	12	6	16
" " { SimpleCont ^d fever - -	2	3	5	3	3	5	2	5	3	5	2	4	7
" " Diarrhœa - - -	22	10	10	11	7	9	13	11	12	9	20	22	13
" " Simple Cholera - -	-	-	-	-	-	1	-	-	-	-	-	-	-
" " Dis. of Respira- } } tory Organs - - -	355	452	498	575	645	554	420	343	349	327	355	338	303
" " Phthisis - - -	169	226	189	201	224	208	199	162	167	192	208	149	155
" " Heart Diseases - -	95	102	102	103	114	111	89	91	88	92	93	91	86
Violent Deaths - - -	46	59	52	51	60	54	59	65	51	46	53	48	36
Inquest Cases - - -	90	114	106	94	130	109	129	116	87	84	85	104	82
Deaths in Public Institutions	311	387	349	350	367	332	334	294	346	296	334	315	277
TEMPERATURE OF THE AIR:													
Mean - - - - -	39·1	36·9	41·7	37·7	46·4	47·8	46·9	42·5	44·7	41·3	49·2	51·1	49·1
Mean of Highest readings -	46·6	42·7	49·0	47·3	55·1	57·5	55·9	49·8	54·4	51·4	61·6	60·6	57·5
Mean of Lowest readings -	33·2	32·9	34·8	30·1	40·2	41·7	41·6	37·0	37·6	35·1	38·8	45·3	44·5
Mean Temperature of the } Water of the Thames - - }	41·3	41·8	41·0	42·7	44·9	49·4	50·9	48·9	48·3	48·4	50·1	54·4	53·9
Humidity of the Air - - -	75	80	73	81	82	82	83	76	78	72	71	82	74
Rain-fall in inches - - -	0·31	0·47	0·07	0·56	0·91	0·85	1·73	0·35	0·08	0·20	0·24	0·80	0·23
Registered Sunshine (in hours)	17·0	17·4	26·5	26·7	24·8	20·4	9·4	14·1	26·6	21·2	52·7	19·5	13·5

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, &c., during the Week ending

REGISTRATION SUB-DISTRICTS.		Enu- me- rated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include														In- quest Cases.
					Deaths of		Deaths from												
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.			
LONDON		3,254,260	2158	1392	293	287	69	56	21	3	24	1	16	7	13	36	82		
WEST DISTRICTS		561,359	336	195	31	46	4	4	3	1	6	-	-	2	2	5	10		
NORTH DISTRICTS		751,729	527	366	81	85	39	13	7	-	8	1	6	2	2	7	17		
CENTRAL DISTRICTS		334,369	139	127	27	22	1	9	-	-	2	-	1	-	1	5	12		
EAST DISTRICTS		639,111	428	271	50	50	5	24	5	1	10	-	2	1	3	7	19		
SOUTH DISTRICTS		967,692	728	433	104	84	20	6	6	1	8	-	7	2	5	12	24		
WEST DISTRICTS.																			
St. Mary Paddington WH		58728	35	15	1	4	-	-	1	-	1	-	-	-	-	-	-		
St. John Paddington H		38085	14	8	-	3	-	-	-	-	-	-	-	-	-	-	-		
Kensington Town W		91645	70	25	3	7	1	-	-	1	-	-	-	-	-	1	1		
Brompton H		28654	10	9	1	3	-	-	-	-	-	-	-	-	-	-	-		
St. Peter Hammersmith		6662	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Paul Hammersmith H		36029	28	11	4	3	-	-	-	-	2	-	-	-	-	-	-		
Fulham WvH		28350	26	18	3	3	1	-	2	-	1	-	-	-	-	-	-		
Chelsea South HHH		26420	23	17	2	3	-	1	-	-	-	-	-	-	1	-	2		
Chelsea North-west WHHHH		22928	11	13	3	3	1	-	-	-	-	-	-	-	-	-	-		
Chelsea North-east		21392	16	6	3	1	-	-	-	-	-	-	-	1	-	-	-		
Hanover Square H		18698	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
May Fair WW		13358	3	6	-	4	1	-	-	-	-	-	-	-	-	-	-		
Belgrave HH		57972	34	22	4	3	-	1	-	-	1	-	-	-	-	2	2		
St. John Westminster HH		38478	19	17	1	-	-	2	-	-	1	-	-	1	-	1	2		
St. Margaret Westminster WH		27781	10	10	1	3	-	-	-	-	-	-	-	-	1	-	1		
Golden Square WH		12860	5	5	1	3	-	-	-	-	-	-	-	-	-	1	1		
Berwick-street H		20759	8	3	1	2	-	-	-	-	-	-	-	-	-	-	-		
St. Anne Soho HHHHH		17562	13	8	3	1	-	-	-	-	-	-	-	-	-	-	1		
NORTH DISTRICTS.																			
All Souls Marylebone HHHH		28579	16	10	1	3	-	-	-	-	-	-	-	-	-	-	1		
Cavendish Square HH		15425	3	5	1	2	-	-	-	-	-	-	-	-	-	-	-		
Rectory Marylebone WH		26384	15	18	5	4	-	-	-	-	-	-	-	-	-	-	1		
St. Mary Marylebone HHH		21786	21	8	-	2	-	-	-	-	-	-	-	-	-	-	1		
Christchurch Marylebone H		33944	19	11	5	2	1	-	-	-	1	-	1	-	-	1	1		
St. John Marylebone H		33136	17	9	1	4	-	-	2	-	1	-	-	-	-	-	1		
Hampstead WvHH		32281	12	17	-	3	11	-	-	-	-	-	-	1	-	-	-		
Regent's Park Pancras		38200	35	10	2	4	-	-	-	-	-	-	-	-	-	-	2		
Tottenham-court vHHH		29370	9	23	2	3	-	1	-	-	-	-	-	-	-	1	2		
Gray's Inn Lane HH		29221	12	12	3	-	-	-	-	-	1	1	-	-	-	-	1		
Somers Town		38533	29	14	3	5	-	-	-	-	-	-	1	-	-	-	-		
Camden Town W		17943	10	16	5	4	2	-	1	-	-	-	-	-	-	-	-		
Kentish Town W		68198	52	32	9	6	1	1	-	-	1	-	2	-	1	-	-		
Islington West HHH		97820	67	50	14	9	6	-	4	-	2	-	1	-	-	1	2		
Islington East WvvhH		115958	110	58	13	16	1	6	-	-	2	-	-	1	-	2	1		
Stoke Newington H		9841	12	5	1	-	-	3	-	-	-	-	-	-	-	-	1		
Stamford Hill		6598	7	2	-	2	-	-	-	-	-	-	-	-	-	-	-		
West Hackney		28069	16	11	4	2	2	2	-	-	-	-	-	-	-	-	-		
Hackney WvvhHL		50104	30	40	7	10	14	-	-	-	-	-	1	-	1	2	2		
South Hackney		30339	35	15	5	4	1	-	-	-	-	-	-	-	-	-	-		
CENTRAL DISTRICTS.																			
St. George Bloomsbury		17853	9	6	2	1	-	1	-	-	-	-	-	-	-	-	1		
St. Giles South WH		19109	12	15	3	4	-	1	-	-	-	-	-	-	-	-	-		
St. Giles North		16594	2	4	1	-	-	1	-	-	-	-	-	-	-	-	1		
Long Acre		11379	7	5	-	-	-	-	-	-	-	-	-	-	-	-	-		
Charing Cross HH		9859	3	4	2	-	-	-	-	-	-	-	-	-	-	-	1		
St. Mary-le-Strand		9378	3	2	-	1	-	-	-	-	-	-	-	-	-	-	-		
St. Clement Danes H		10723	7	6	1	1	-	-	-	-	-	-	-	-	-	2	2		
St. George-the-Martyr HHHHH		20521	8	7	3	-	-	1	-	-	-	-	-	-	-	-	-		
St. Andrew Eastern W		13529	4	8	3	1	-	-	-	-	-	-	-	-	-	-	1		
Saffron Hill H		9066	2	4	-	2	-	-	-	-	-	-	-	-	-	-	1		
St. James Clerkenwell W		18917	6	4	1	-	-	-	-	-	-	-	-	-	-	-	-		
Amwell Clerkenwell		16884	13	5	-	1	1	-	-	-	1	-	1	-	-	-	-		
Pentonville		13337	7	3	-	1	-	-	-	-	-	-	-	-	-	-	-		
Goswell-street		16242	15	4	-	-	-	-	-	-	-	-	-	-	-	-	-		
Old-street H		12161	4	3	-	1	-	1	-	-	1	-	-	-	-	-	-		
City-road HHL		18301	4	8	2	2	-	2	-	-	-	-	-	-	-	-	-		
Whitecross-street		18792	6	3	-	1	-	1	-	-	-	-	-	-	-	-	-		
Finsbury		10741	5	4	3	-	-	-	-	-	-	-	-	-	-	-	1		
St. Botolph East London H		14540	3	6	2	2	-	1	-	-	-	-	-	-	-	-	-		
Cripplegate		13638	2	2	1	1	-	-	-	-	-	-	-	-	-	-	-		
St. Sepulchre H		7562	3	14	1	-	-	-	-	-	-	-	-	-	-	3	4		
St. Bride W		11185	8	5	1	2	-	-	-	-	-	-	-	-	-	-	-		
Castle Baynard		4426	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
Christchurch		6270	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
Queenhithe		4753	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
Allhallows Barking		5764	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Broad Street H		7845	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-		

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page.

PHITHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
26th May 1877.

REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include														Deaths in Public Institutions.
				Deaths of		Deaths from												
				Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.		
EAST DISTRICTS.																		
Shoreditch - - -	12430	8	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Shoreditch <i>HL†</i> - - -	16545	8	5	1	-	-	1	-	-	-	-	-	-	-	-	-	-	
St. Mary Town <i>w</i> - - -	27835	13	7	1	3	-	1	-	-	-	-	-	-	-	-	-	-	
St. Mary Town - - -	26933	17	14	1	3	-	4	1	-	-	-	1	-	-	-	-	-	
St. Mary West <i>W</i> - - -	24162	16	14	2	2	-	3	-	-	-	-	-	-	-	-	-	4	
St. Mary East <i>H</i> - - -	19259	16	9	4	-	-	3	-	-	1	-	-	-	-	-	-	1	
St. Paul - - -	29822	27	10	1	3	-	1	-	-	1	-	-	-	-	-	1	-	
St. Paul Green <i>WHL†</i> - - -	42433	27	17	3	4	-	2	-	-	1	-	1	-	-	-	-	-	
St. Paul Green - - -	26577	22	9	2	1	-	1	1	-	1	-	-	-	-	-	1	7	
St. Paul Green - - -	21272	11	15	4	3	-	3	3	-	1	-	-	-	-	1	2	-	
St. George <i>H</i> - - -	22499	26	8	1	2	-	2	-	-	-	-	-	-	1	-	-	-	
St. George Town <i>W</i> - - -	15550	10	9	2	2	-	1	-	-	-	-	-	-	-	-	-	5	
St. George North - - -	11597	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. George Church <i>H</i> - - -	7322	2	14	-	2	-	-	-	-	1	-	-	-	1	3	4	12	
St. George Fields - - -	10381	6	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	
St. George - - -	9224	5	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. George East - - -	17900	10	5	1	2	-	-	-	-	1	-	-	-	-	-	-	-	
St. George East - - -	21350	11	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. George East <i>W</i> - - -	8802	4	9	-	2	-	-	-	-	-	-	-	-	-	-	1	5	
St. George - - -	11640	5	5	2	1	-	-	-	-	-	-	-	-	-	-	-	2	
St. George - - -	16131	8	8	1	1	1	-	-	-	-	-	-	-	-	-	-	-	
St. George <i>W</i> - - -	29919	15	12	3	2	-	-	-	-	-	-	-	-	1	-	1	-	
St. George Town Western - - -	38128	28	11	3	1	-	-	-	-	-	-	-	-	-	-	1	-	
St. George Town Eastern <i>WwH</i> - - -	55024	39	21	4	8	1	-	-	-	-	-	-	-	-	1	2	2	
St. George <i>HL†</i> - - -	67765	47	41	9	4	3	2	-	-	1	-	-	-	-	2	3	8	
St. George <i>W</i> - - -	48611	41	19	2	2	-	-	-	-	-	-	-	1	-	-	3	-	
SOUTH DISTRICTS.																		
St. Southwark <i>WH</i> - - -	14573	11	7	2	2	-	-	-	-	-	-	-	-	1	1	1	2	
St. Southwark <i>H</i> - - -	16677	10	7	1	1	-	1	-	-	-	-	-	-	-	-	-	-	
St. Southwark - - -	20421	19	7	4	-	1	-	-	-	-	-	-	-	-	1	4	-	
St. Southwark <i>WH</i> - - -	16695	3	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Southwark <i>HL</i> - - -	18961	12	7	1	2	1	-	-	-	-	-	-	-	-	-	-	1	
St. Southwark - - -	23682	14	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
St. Southwark <i>W</i> - - -	48248	39	29	5	8	-	-	-	-	2	-	-	-	1	-	-	7	
St. Southwark - - -	16792	10	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Southwark <i>H</i> - - -	4373	-	11	1	-	-	-	-	-	-	-	-	-	-	1	2	9	
St. Southwark <i>W</i> - - -	10500	5	8	4	-	-	-	-	-	-	-	-	-	-	1	1	1	
St. Southwark - - -	16787	13	7	1	1	-	-	1	-	1	-	-	-	-	-	-	-	
St. Southwark <i>W</i> - - -	15709	12	11	2	5	-	-	-	-	-	-	-	-	1	-	1	5	
St. Southwark - - -	47933	45	14	7	2	-	1	-	-	-	-	-	-	1	-	-	-	
St. Southwark <i>W</i> - - -	27096	24	8	3	1	-	-	-	-	1	-	-	-	-	-	-	1	
St. Southwark 1st <i>H</i> - - -	14074	8	5	2	1	-	-	-	-	-	-	-	-	1	-	-	-	
St. Southwark 2nd <i>H</i> - - -	18465	18	4	-	1	1	-	-	-	-	-	-	-	-	-	-	-	
St. Southwark Church 1st <i>H</i> - - -	19492	15	11	1	2	-	2	2	-	-	-	-	-	-	-	1	5	
St. Southwark Church 2nd <i>WW</i> - - -	35833	31	19	8	4	-	-	-	-	-	-	-	-	-	1	1	6	
St. Southwark 1st - - -	41286	31	17	2	4	-	1	1	-	-	-	-	-	-	-	-	-	
St. Southwark 2nd - - -	31221	18	17	3	5	-	1	-	-	-	-	-	-	-	-	1	-	
St. Southwark - - -	35435	26	20	1	4	8	-	-	-	-	-	-	-	-	-	-	11	
St. Southwark - - -	12536	12	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Southwark - - -	27347	17	11	2	3	-	-	-	-	-	-	-	-	-	-	1	-	
St. Southwark <i>W</i> - - -	54016	57	34	8	7	1	-	-	-	-	-	1	-	-	2	2	3	
St. Southwark <i>HL</i> - - -	19783	8	11	4	2	-	-	1	-	-	-	-	-	-	-	1	3	
St. Southwark - - -	9439	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Southwark - - -	14475	9	5	-	1	-	-	-	-	-	-	-	-	-	-	1	-	
St. Southwark - - -	4041	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. Southwark <i>WL†L†</i> - - -	31254	26	12	3	1	-	-	-	-	1	-	-	-	-	-	1	-	
St. Southwark - - -	42160	45	19	8	4	1	-	-	-	-	-	-	-	-	1	1	-	
St. Southwark Chamberwell - - -	33851	29	13	3	3	-	-	-	-	-	-	-	-	-	-	-	-	
St. Southwark - - -	53714	44	27	8	2	5	-	-	-	-	-	1	1	-	-	-	3	
St. Southwark Deptford - - -	6474	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Southwark West - - -	21034	11	3	1	-	-	-	-	-	1	-	-	-	-	-	-	-	
St. Southwark East <i>WH</i> - - -	19378	14	12	2	3	-	-	-	-	-	-	1	-	-	2	2	8	
St. Southwark - - -	4539	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Southwark - - -	16440	12	4	-	1	-	-	1	-	-	-	-	-	-	-	-	-	
St. Southwark Village <i>WH</i> - - -	11513	12	9	1	2	1	-	-	-	-	-	-	1	-	-	-	1	
St. Southwark <i>H</i> - - -	19065	13	11	2	5	-	-	-	-	-	-	-	-	-	1	1	-	
St. Southwark - - -	9564	9	8	4	-	-	-	-	-	1	-	-	-	-	-	-	4	
St. Southwark Rockyard - - -	17226	9	10	3	2	-	-	-	-	-	-	-	-	-	-	-	-	
St. Southwark Arsenal <i>WHH</i> - - -	18331	8	6	2	1	-	-	-	1	-	-	-	-	-	-	-	1	
St. Southwark West - - -	13027	7	6	-	2	-	-	-	-	-	-	-	-	-	-	-	-	
St. Southwark East <i>W</i> - - -	15232	10	5	-	1	-	-	-	-	-	-	-	-	-	1	2	-	

ing WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the
by w :-

London Sick Asylum in Tottenham-court sub-district.	London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
City Workhouse in Islington East sub-district.	Stepney " " Bow sub-district.
City Workhouse " Hackney sub-district.	Poplar & Stepney Sick Asylum " "
City Workhouse " Hoxton New Town sub-district.	Westminster Union Industrial School in Battersea sub-district.
City Workhouse " Mile End Old Town Eastern sub-dist.	Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 26th May 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Ename- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
						Deaths of		Deaths from											
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.				
	LONDON—OUTER RING	368,414	631,381	449	251	53	68	5	2	5	3	-	1	1	14	20	30		
29: 1	Carshalton W - - -	12228	13523	13	5	2	1	-	-	-	-	-	-	-	1	1	-		
2	Epsom (part of) * WH -	9971	9145	5	2	-	1	-	-	-	-	-	-	-	-	-	1		
36: 1	Godstone (part of) * - -	2754	900	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
37: 1	Croydon WWH - - -	20851	71319	37	30	3	11	1	-	-	2	-	-	-	-	1	2		
2	Mitcham WH - - -	11697	12534	8	7	3	2	-	-	-	-	-	-	-	2	2	-		
38: 1	Wimbledon HH - - -	3220	9087	9	3	-	1	-	-	-	-	-	-	-	1	1	-		
2	Kingston WH - - -	8549	27489	20	12	2	1	-	1	-	-	-	-	-	-	-	-		
3	Esher (part of) * - - -	6601	7353	4	1	1	-	-	-	-	-	-	-	-	-	-	-		
4	Hampton - - -	4573	10185	9	2	-	-	-	-	-	-	-	-	-	-	2	-		
39: 1	Richmond WH - - -	2271	16829	11	8	1	4	-	-	-	-	-	-	-	-	-	3		
2	Mortlake - - -	2961	9316	3	7	1	2	-	-	-	-	-	-	-	3	3	-		
40: 1	Bromley (part of) * HH -	15669	19509	9	5	2	2	-	-	-	-	-	-	-	-	-	-		
2	Chislehurst (part of) * W -	13665	10028	7	4	-	-	-	-	-	-	-	-	-	1	1	-		
41: 1	Bexley H - - -	13439	19566	17	6	1	1	-	-	-	-	-	1	-	-	-	-		
123: 1	Sunbury W - - -	11055	9860	6	1	-	-	-	-	-	-	-	-	-	1	1	-		
2	Staines W - - -	13277	10339	10	-	-	-	-	-	-	-	-	-	-	-	-	-		
124: 1	Hillingdon WH - - -	6029	9712	8	6	1	2	-	-	-	-	-	-	-	-	1	1		
2	Uxbridge - - -	6178	5329	3	2	1	1	-	-	-	-	-	-	-	-	-	-		
3	Hayes WL - - -	14587	10497	4	5	1	1	-	-	-	-	-	-	-	1	1	3		
125: 1	Isleworth W - - -	7008	19930	6	9	-	5	-	-	-	-	-	-	-	-	1	2		
2	Twickenham - - -	2477	10533	7	1	-	-	-	-	-	-	-	-	-	-	-	-		
3	Brentford HL - - -	4370	20279	16	3	-	1	-	-	-	-	-	-	-	-	-	-		
4	Chiswick - - -	1311	8508	3	2	1	-	-	-	-	-	-	-	-	-	-	-		
5	Acton WH - - -	6087	12683	7	4	2	2	-	-	-	-	-	-	-	-	-	-		
126: 1	Harrow H - - -	13809	10869	7	6	-	2	-	-	-	-	-	-	-	-	-	-		
2	Edgware - - -	6994	3450	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Willesden - - -	4383	15869	11	8	3	3	-	-	-	-	-	-	-	-	1	-		
4	Hendon WH - - -	8382	6972	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
127: 1	South Mimms - - -	15419	5924	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Barnet W - - -	5423	7752	6	3	-	-	-	-	3	-	-	-	-	-	-	-		
3	Finchley L - - -	4688	11493	6	-	-	-	-	-	-	-	-	-	-	-	-	-		
128: 1	Hornsey H - - -	3039	19357	12	10	6	1	-	1	-	1	-	-	-	-	-	-		
2	Tottenham H - - -	4642	22869	24	5	-	1	-	-	-	-	-	-	-	3	3	2		
3	Edmonton WW - - -	7483	13860	19	10	1	4	-	-	2	-	-	-	-	-	-	5		
4	Enfield WH - - -	12653	16054	11	5	2	1	-	-	-	-	-	-	-	-	-	2		
5	Waltham Abbey - - -	11017	5197	4	-	-	-	-	-	-	-	-	-	-	-	-	-		
6	Cheshunt - - -	8493	7518	4	1	1	-	-	-	-	-	-	-	-	-	-	-		
134: 1	Hatfield (part of) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
136: 1	Bushey - - -	9028	6472	4	4	1	1	1	-	-	-	-	-	-	-	-	-		
135: 1	Stratford - - -	882	23236	27	13	2	5	-	-	-	-	-	-	-	-	-	-		
2	West Ham WWWW - -	7345	44642	56	23	8	4	3	-	-	-	-	-	-	1	1	2		
3	Leyton WW - - -	4274	15513	11	19	4	5	-	-	-	-	-	-	-	-	-	7		
4	Walthamstow H - - -	6619	15701	10	7	-	3	-	-	-	-	-	-	-	-	-	-		
186: 1	Chigwell (part of) * H -	10483	8169	-	2	1	-	-	-	-	-	-	-	1	-	-	-		
188: 1	Romford (part of) * - -	6730	2879	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Ilford - - -	8492	5947	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Barking Town - - -	4128	6576	4	5	2	-	-	-	-	-	-	-	-	-	-	-		

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:-
29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warringham and Farley in Godstone sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 303); 134: 1, only the parish of Northaw in Hatfield sub-district; 186: 1, the whole of the Chigwell sub-district, except the parish of Thoidon-Bols (pop. 798); 188: 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 26th May 1877.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
						Deaths of		Deaths from									
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhea.	Violence.	Deaths in Public Institutions.	
GREATER LONDON	446,494	4,367,547	19·6	2·8	1643	346	355	74	58	26	6	34	25	14	50		
GREATER LONDON -	78,080	3,533,484	20·6	3·2	1392	293	287	69	56	21	3	34	24	13	36		277
INNER RING -	368,414	834,063	15·7	1·1	251	53	68	5	2	5	3	-	1	1	14		30

The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 7 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 370,000 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 28 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA -	429,535	April 21	-	273	33·1	Fever 75; cholera 40.
BOMBAY -	644,405	" 24	-	826	66·7	Small-pox 60; remittent fever 352; cholera 54.
MADRAS -	397,552	" 6	181	982	128·4	Small-pox 366; cholera 107; fevers 91.
PARIS -	1,851,792	May 24	-	996	28·0	Small-pox 5; typhoid fever 14; measles 10.
GENEVA* -	67,829	" 19	35	37	28·5	Diphtheria and croup 2.
BRUSSELS -	188,609	" 19	110	89	24·5	Small-pox 5; whooping-cough 2.
AMSTERDAM -	289,981	" 19	183	163	28·6	Measles 16.
ROTTERDAM -	136,231	" 19	99	95	36·1	-
THE HAGUE -	104,095	" 19	60	44	22·0	-
COPENHAGEN -	215,000	" 22	141	94	22·8	Whooping-cough 4.
STOCKHOLM -	146,845	" 12	-	91	32·2	Scarlet fever 5; typhoid fever 2.
CHRISTIANIA -	79,000	" 19	64	35	23·0	Measles 2; scarlet fever 1.
BERLIN -	997,269	" 5	727	498	25·9	Scarlet fever 15; diphtheria 13; typhus 3.
HAMBURG(State) -	393,588	" 5	303	215	28·5	Diphtheria and croup 8.
DRESDEN -	202,295	" 12	165	109	28·0	Diphtheria and croup 8; scarlet fever 2.
BRESLAU -	246,813	" 19	246	150	30·4	-
MUNICH -	209,000	" 19	196	134	33·0	Diphtheria and croup 5.
VIENNA -	714,548	" 19	556	420	30·6	Small-pox 9; diphtheria 7; scarlet fever 3.
BUDA-PESTH -	315,401	" 12	249	265	43·7	Whooping-cough 12; small-pox 3.
ROME -	278,099	" 5	124	92	17·1	Diphtheria and croup 6.
NAPLES -	454,948	" 6	-	233	26·7	Typhus 7; diphtheria 6; croup 4.
TURIN -	223,488	" 12	128	133	30·7	Diphtheria and croup 5; typhd. fev. & typhus 6.
VENICE -	139,796	" 12	64	70	26·4	Whooping-cough 7; typhoid fever 3.
ALEXANDRIA -	212,034	" 12	142	186	45·8	Small-pox 2; whooping-cough 15.
NEW YORK -	1,077,228	April 28	-	480	23·2	Scarlet fever 27; diphtheria 23; wh-cough 13.
BROOKLYN -	527,830	" 28	-	221	21·8	Scarlet fever 19; diphtheria 21.
PHILADELPHIA -	850,856	May 5	-	301	18·5	Scarlet fever 7; typhoid fever 9.
BOSTON -	363,000	April 28	-	155	22·2	Scarlet fever 2; diphtheria 6.

* With suburbs, including Genf, Plain-palais, and Eaux-Vives.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 26th MAY, 1877.
[Under the Superintendence of the Astronomer Royal.]

MOON.		BARO-METER.		READINGS OF THERMOMETERS.										DIFFERENCE				WIND.				RAIN.	
				Dry		Dew Point.		Highest in the sun, as shown by a self-registering thermometer with bulb in vacuo, placed on Grass.		Lowest on the Grass, as shown by a self-registering thermometer.		In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between Dew Point and Air Temperature.		Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*		As deduced from Anemometers.		Collected in a Gauge whose receiving surface is 5 in. above the ground.			
Phases of Moon.		Mean daily reading (corrected and reduced to 32° Fahr. height).	High-est.	Low-est.	Range in day.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Highest.	Lowest.	Mean daily value.	Great-est.	Least.	General Direction.		Pressure on square foot.		Amount of Horizontal Movement of Air each day.		Depart-ure from Average of 16 years.		
															A. M.	P. M.	Great-est.	Least.	Mean of 24 Obs.				

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 22. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, JUNE 2. [Price 1½d.

*General Register Office, Somerset House,
4th June, 1877.*

UNITED KINGDOM.

DURING last week 5719 *births* and 3673 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2046. The mortality from all causes was at the average rate of 24 deaths annually in every 1000 persons living. The annual death-rate was 19 per 1000 in Edinburgh, 27 in Glasgow, and 31 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Wolverhampton 16, Portsmouth 17, Nottingham 18, Leicester 18, Hull 21, London 21, Plymouth 21, Brighton 22, Bristol 22, Leeds 22, Bradford 24, Birmingham 24, Newcastle-upon-Tyne 24, Norwich 25, Manchester 27, Liverpool 27, Sheffield 28, Sunderland 29, Salford 33, and Oldham 41. The annual death-rate from the seven principal zymotic diseases averaged 3·3 per 1000 in the twenty towns, and ranged from 0·0 in Wolverhampton to 5·8 and 7·4 in Oldham and Salford. The deaths referred to small-pox in the twenty towns, which had been 92, 85, and 79 in the three preceding weeks, were again 79 last week, of which 61 occurred in London, 6 in Liverpool, 1 in Manchester and Salford (exclusive of one municipal fatal case in the Monsall hospital), and 4 in Oldham. The prevalence of small-pox in Oldham is said to be increasing.

LONDON.

In LONDON 2225 BIRTHS and 1443 DEATHS were registered. Allowing for increase of population, the births were 106 below, whereas the deaths exceeded by 4, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the three preceding weeks had been equal to 23·8, 23·1, and 20·6 per 1000, rose again last week to 21·3.

The 1443 deaths included 61 from small-pox, 69 from measles, 28 from scarlet fever, 8 from diphtheria, 41 from whooping-cough, 16 from different forms of fever, and 13 from diarrhœa; thus to the seven principal diseases of the zymotic class 236 deaths were referred, against 246 and 220 in the two preceding weeks. These 236 deaths were 5 above the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 3·4 per 1000. The 69 fatal cases of measles showed a marked increase upon the numbers in recent weeks, and included no less than 24 in East London; occurred in Chelsea, 5 in Islington, 6 in Hackney, 6 in Shoreditch, 10 in Bethnal Green, 7 in Whitechapel, and 6 in Lambeth. The 28 deaths from scarlet fever so exceeded the numbers in recent weeks; 4 were returned in Bethnal Green, 5 in Bow, 3 in Battersea, and 3 in one house in High-street, Wandsworth. Whooping-cough showed the greatest fatality in Bow and Poplar. The 16 deaths referred to fever were no less than 18 below the corrected weekly average; 3 were certified as typhus, 11 as enteric or typhoid, and 2 as simple continued fever. The three fatal cases of typhus occurred in the Metropolitan Asylum Fever Hospital at Stockwell, to which they had been admitted from Pancras, Clerkenwell, and Southwark.

The fatal cases of small-pox, which in the three preceding weeks had been 78, 90, and 69, further declined last week to 61, of which 27 were certified as unvaccinated, and 12 as vaccinated; in the remaining 22 cases the medical certificates did not contain any information relating to vaccination. The 61 included 32 which were recorded in the Metropolitan Asylum Hospitals, 3 in the Highgate Small-pox hospital, and one in the Pancras Small-pox Hospital; the other 25 fatal cases

occurred in private dwellings. After distributing the 36 fatal hospital cases, it appears that 7 of the deceased small-pox patients had resided in Lambeth, 5 in Bow, 5 in Islington, and 4 in Paddington. Twenty of the 61 deaths from small-pox were of children under five years of age, of whom 15 were certified to be unvaccinated. Of the deaths from small-pox in private dwellings, 3 occurred in Islington, 3 in Walworth, and 3 in Peckham.

The Metropolitan Asylum District Hospitals contained 891 small-pox patients on Saturday last; in the five preceding weeks the numbers had steadily increased from 824 to 964. The number of new cases admitted during the week was 178, against 254 and 219 in the two previous weeks.

The deaths referred to diseases of the respiratory organs, which had been 355, 338, and 303 in the three preceding weeks, further declined to 259 last week, which however exceeded the corrected average weekly number by 40.

Different forms of violence caused 58 deaths; 50 were the result of negligence or accident, including 24 from fractures and contusions, 3 from burns and scalds, 9 from drowning, 2 from lead poisoning, and 6 of infants under one year of age from suffocation. The 24 deaths from fractures and contusions were thus caused: male aged 39, male 41, and female 39, crushed on railway; two males aged 35, run over on railway; male 35, fell from carriage on railway; male aged 66, three females aged 59, and male 56, fell down stairs; male 51, female 40, and male 55, fell from a height (nature of height not stated); female aged 3, knocked down in street; male 65, fell from a cart; male 42, fell from scaffold; male 30, fell from ladder; male 57, crushed by a mast in a steamship; female 26, fell while walking; male 84, fell from a chair; male 45, fracture of skull (how not stated); female aged one year, concussion of brain (how not stated); and female 11 months, by fall (nature of fall not stated). An inquest was held in all but 2 of these 24 cases; 11 of the deaths occurred in hospitals.

In the large Public Institutions 300 deaths were recorded, or 21 per cent. of the total deaths; of these, 175 occurred in Workhouse Establishments, 118 in Hospitals, and 7 in Lunatic Asylums.

GREATER LONDON.

In Greater London 2661 births and 1713 deaths were registered, equal to annual rates of 31·8 and 20·5 per 1000 of the population. Eight fatal cases of small-pox were registered in the Outer Ring, of which 5 occurred in West Ham, one in Stratford, one in Acton, and one in West Ham. Five deaths from whooping-cough were returned in Croydon.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 24, Bombay 69; Madras 124; Paris 26; Geneva 21; Brussels 27; Amsterdam 25, Rotterdam 26, The Hague 26; Copenhagen 22; Stockholm 39; Christiania 17; Berlin 29, Hamburg 32, Dresden 26, Breslau 29; Munich 42; Vienna 27, Buda-Pesth 45; Rome 21, Naples 29, Turin 28, Venice 22; Alexandria 48; New York 23, Brooklyn 18, Philadelphia 17, and Boston 16. Cholera caused 100 deaths in Madras, 68 in Bombay, and 36 in Calcutta.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·44 in.; the lowest reading was 29·09 in. on Monday, and the highest 29·89 in. at the beginning of the week. The mean temperature of the *air* was 53°·7, and 2°·4 below the average in the corresponding week of the 60 years 1814-73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average on each day of the week; on Monday the mean was 55°·1, and the deficiency only 0°·5, while on Tuesday it fell to 51°·9, which was 3°·9 below the average. The lowest night temperature was 43°·0 on Sunday, 27th May, and the highest day temperature in the shade 66°·4 on Thursday; the extreme range in the week was, therefore, 23°·4. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 126°·1 on Wednesday. The difference between the mean *dew-point* and *air* temperature averaged 8°·7. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 55°·4. The air was dry; the mean degree of *humidity* of the air was 73, complete saturation being represented by 100. The general direction of the *wind* was South-west, and the horizontal movement of the air averaged 19·8 miles per hour, which was 9·4 above the average in the corresponding week of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·28 inches. The duration of registered sunshine in the week was 44·0 hours, out of the 113·2 hours that the sun was above the horizon.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames was 292,281 cubic metres at Crossness, and 380,482 cubic metres at Barking, equivalent to about as many tons by weight.

1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 2nd day of June 1877.

TOWNS AND DISTRICTS.	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 2nd June 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
TOWNS in the UNITED KINGDOM.											
London Boundaries, & LONDON (DUBLIN.)											
WYNS in the KINGDOM }	212,881	8,144,940	38·3	5719	3673	72·2	38·0	53·0	11·67	0·91	2·31
WYNS - - -	75,362	3,533,484	46·9	2225	1443	66·4	43·0	53·7	12·06	0·28	0·71
WYNS - - -	2,354	102,264	43·4	62	43	65·0	43·7	53·9	12·17	0·34	0·86
WYNS - - -	4,486	127,144	28·3	67	42	62·0	46·8	52·8	11·56	0·50	1·27
WYNS - - -	7,472	84,023	11·2	62	40	68·0	45·0	54·9	12·72	0·45	1·14
WYNS - - -	1,395	72,911	52·3	45	30	63·0	48·0	53·5	11·95	1·02	2·59
WYNS - - -	4,452	202,950	45·6	159	86	68·3	42·2	53·4	11·89	1·02	2·59
WYNS - - -	3,396	73,389	21·6	55	23	65·4	39·0	50·9	10·50	1·12	2·84
WYNS - - -	8,400	377,436	44·9	292	172	-	-	-	-	-	-
WYNS - - -	3,200	117,461	36·7	85	41	72·2	41·2	54·1	12·28	0·95	2·41
WYNS - - -	1,996	95,025	47·6	89	33	69·2	40·5	52·9	11·61	1·04	2·64
WYNS - - -	5,210	527,083	101·2	378	277	64·9	44·5	52·3	11·28	0·53	1·35
WYNS - - -	4,293	359,213	83·7	342	185	70·0	42·0	53·9	12·17	1·39	3·63
WYNS - - -	5,170	141,184	27·3	160	90	66·6	40·0	51·0	10·56	1·12	2·84
WYNS - - -	4,666	89,796	19·2	92	70	-	-	-	-	-	-
WYNS - - -	7,220	179,315	24·8	121	81	65·7	43·1	52·2	11·22	1·46	3·71
WYNS - - -	21,572	298,189	13·8	229	127	69·0	42·0	53·6	12·01	1·07	2·72
WYNS - - -	19,651	282,130	14·4	206	149	64·0	40·0	52·2	11·22	1·96	4·98
WYNS - - -	3,635	140,002	38·5	97	57	65·0	42·0	53·6	12·01	0·65	1·65
WYNS - - -	3,306	110,382	33·4	90	62	69·0	43·0	53·8	12·12	0·63	1·60
WYNS - - -	5,371	142,231	26·5	99	66	-	-	-	-	-	-
WYNS - - -	4,191	218,729	52·2	173	79	61·9	39·5	52·3	11·28	0·97	2·46
WYNS - - -	6,033	555,933	92·1	442	288	59·7	40·5	51·4	10·78	1·31	3·33
WYNS - - -	10,050	314,666	31·3	149	189	65·0	38·0	53·0	11·67	0·41	1·04

*Names of the Meteorological Observers in the several towns, see note at foot of Table 4.

†Figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by the addition of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population of Dublin is taken as stationary at the number enumerated in April 1871.

2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,055,612 persons, and in DUBLIN, during the Week ending Saturday the 2nd day of June 1877.

TOWNS, &c.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from											
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhœa.	Violence.				
LONDON (DUBLIN.)																	
TOWNS	23·1	3·3	3117	684	577	79	103	63	13	112	42	41	121	185	498		
London	21·3	3·5	1443	304	281	61	69	28	8	41	16	13	58	92	300		
MANCHESTER	21·9	1·0	43	11	10	-	-	-	-	1	-	1	-	1	6		
BIRMINGHAM	17·2	3·3	42	14	9	-	-	-	-	3	2	3	3	3	6		
LEEDS	24·8	1·2	40	8	17	-	-	2	-	-	-	-	-	1	2		
GLASGOW	21·5	5·0	30	6	6	-	-	4	-	-	2	1	3	3	2		
EDINBURGH	22·1	3·1	86	13	15	-	2	-	-	7	1	2	7	7	7		
SOUTHAMPTON	16·4	0·0	23	4	9	-	-	-	-	-	-	-	-	1	5		
Sheffield	23·8	4·2	172	50	22	-	14	5	1	7	2	1	3	13	24		
Nottingham	18·2	0·9	41	15	4	-	-	1	-	1	-	-	2	4	3		
Gloucester	18·1	1·1	33	9	9	-	-	-	-	2	-	-	-	1	5		
Colchester	27·4	3·5	277	70	45	6	-	1	-	19	4	5	11	11	38		
Waterbury	26·9	3·6	185	28	32	2	7	5	-	7	2	2	6	12	39		
Exeter	33·3	7·4	90	23	12	6	6	3	-	2	1	2	5	6	12		
Truro	40·6	5·8	70	18	9	4	-	1	1	2	-	2	3	3	5		
Reading	23·6	0·9	81	18	17	-	-	1	-	1	-	1	1	2	6		
Southampton	22·2	3·5	127	26	21	-	4	2	1	10	1	2	7	11	8		
Portsmouth	27·6	3·1	149	31	29	-	1	2	-	6	6	2	4	4	15		
Southsea	21·2	2·6	57	11	12	-	-	1	1	1	2	2	3	3	3		
Woking	29·8	3·8	62	11	8	-	-	3	1	1	2	1	1	1	6		
Wokingham	24·2	2·6	66	14	10	-	-	4	-	1	1	1	4	6	6		
DUBLIN	31·3	4·3	189	36	60	1	10	1	-	1	9	4	3	2	67		

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the TWENTY-SECOND Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2237	2039	2100	2150	1992	2234	2094	2233	2258	2452	2178·9	2225
Males . .	1176	1018	1080	1101	1024	1125	1075	1151	1128	1250	1112·8	1163
Females .	1061	1021	1020	1049	968	1109	1019	1082	1130	1202	1066·1	1062
TOTAL Deaths	1250	1217	1355	1232	1393	1336	1182	1257	1323	1343	1288·8	1443
Males . .	642	676	683	644	771	689	588	636	686	717	673·2	769
Females .	608	541	672	588	622	647	594	621	637	626	615·6	674

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867–76 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Mar. 10.	Mar. 17.	Mar. 24.	Mar. 31.	Apr. 7.	Apr. 14.	Apr. 21.	Apr. 28.	May 5.	May 12.	May 19.	May 26.	June 2.
TOTAL Deaths - - -	1782	1800	1802	2052	1922	1714	1532	1557	1490	1613	1564	1392	1443
0—20 - - -	810	850	766	898	877	778	740	722	708	745	758	651	688
20—40 - - -	269	247	270	277	242	233	219	212	220	241	200	211	233
40—60 - - -	326	277	301	380	323	314	257	281	274	280	272	243	241
60—80 - - -	313	338	382	417	391	315	264	289	241	297	265	250	234
at 80 years & upwds.	64	88	83	80	89	74	52	53	47	50	69	37	47
Deaths of { Under 1 year -	372	392	385	420	380	373	356	345	334	325	341	293	304
children { 1—5 - - -	306	331	269	361	372	277	272	277	260	310	318	249	268
{ 5—20 - - -	132	127	112	117	125	123	112	100	114	110	99	109	116
Deaths from 7 principal Zymo- totic Diseases }	213	231	201	243	253	208	223	213	189	245	246	220	236
" " Smallpox - - -	96	100	76	86	78	60	68	89	54	78	70	69	61
" " Measles - - -	33	44	32	53	50	58	41	47	44	45	59	56	69
" " Scarlet Fever -	17	15	17	27	16	18	25	14	16	24	20	21	28
" " Diphtheria - -	4	5	3	8	4	5	6	3	2	4	4	3	8
" " Whooping-cough	28	36	37	48	69	42	46	30	43	58	59	34	41
" " Typhus fever -	2	1	4	1	3	2	4	4	3	2	2	1	3
" " { Enteric (or Ty- " " { phoid) fever - }	20	15	18	10	19	8	17	11	13	12	6	16	11
" " { Simple Cont ^d fever	3	5	3	3	5	2	5	3	5	2	4	7	2
" " Diarrhœa - - -	10	10	11	7	9	13	11	12	9	20	22	13	13
" " Simple Cholera -	-	-	-	-	1	-	-	-	-	-	-	-	-
" " Dis. of Respira- " " { tory Organs - }	452	498	575	645	554	420	343	349	327	355	338	303	259
" " Phthisis - - -	226	189	201	224	208	199	162	167	192	208	149	155	174
" " Heart Diseases -	102	102	103	114	111	89	91	88	92	93	91	86	91
Violent Deaths - - -	59	52	51	60	54	59	65	51	46	53	48	36	58
Inquest Cases - - -	114	106	94	130	109	129	116	87	83	84	104	82	92
Deaths in Public Institutions	387	349	350	367	332	334	294	346	296	334	315	277	300
TEMPERATURE OF THE AIR:													
Mean - - - - -	36·9	41·7	37·7	46·4	47·8	46·9	42·5	44·7	41·3	49·2	51·1	49·1	53·7
Mean of Highest readings -	42·7	49·0	47·3	55·1	57·5	55·9	49·8	54·4	51·4	61·6	60·6	57·5	63·6
Mean of Lowest readings -	32·9	34·8	30·1	40·2	41·7	41·6	37·0	37·6	35·1	38·8	45·3	44·5	46·7
Mean Temperature of the Water of the Thames - }	41·8	41·0	42·7	44·9	49·4	50·9	48·9	48·3	48·4	50·1	54·4	53·9	55·4
Humidity of the Air - - -	80	73	81	82	82	83	76	78	72	71	82	74	73
Rain-fall in inches - - -	0·47	0·07	0·56	0·91	0·85	1·73	0·35	0·08	0·20	0·24	0·80	0·23	0·23
Registered Sunshine (in hours)	17·4	26·5	26·7	24·8	20·4	9·4	14·1	26·6	21·2	52·7	19·5	13·5	44·0

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-SECOND Week of the Year 1877.

CAUSE OF DEATH.		Average in the Twenty-second Weeks of the 10 years 1867-76.	In the Week ending Saturday, June 2, 1877.										CAUSES OF DEATH.		Average in the Twenty-second Weeks of the 10 years 1867-76.	In the Week ending Saturday, June 2, 1877.									
			Deaths of Persons of the Ages													Deaths of Persons of the Ages									
			ALL AGES.	Under 20.			40. and under 60.	60. and under 80.	80 Years and upwards.	ALL AGES.	Under 20.					40. and under 60.	60. and under 80.	80 Years and upwards.							
				Mean Tem.	0-1.	1-5.					5-20.	Mean Tem.							0-1.	1-5.	5-20.				
Temperature	-	57.5	58.7	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	Mean Temperature	57.5	58.7	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.					
ES	-	1288.8	1443	304	268	116	233	241	234	47	9. Stricture of Intestines	.8	1	-	-	-	-	1	-	-					
CAUSES	-	1282.0	1442	303	268	116	233	241	234	47	10. Fistula	.6	1	-	-	-	-	1	-	-					
DISEASES.											11. Stomach Disease, &c.	6.8	13	1	2	-	4	2	4	-					
R 1.	-										12. Pancreas Disease, &c.	-	-	-	-	-	-	-	-	-					
ver	-	32.4	61	8	12	12	20	8	1	-	13. Hepatitis	3.7	2	-	-	-	1	-	1	-					
ver	-	34.4	69	12	51	6	-	-	-	-	14. Jaundice	4.1	5	1	2	-	-	2	-	-					
ver	-	36.9	28	2	14	9	3	-	-	-	15. Liver Disease, &c.	18.7	24	-	-	-	5	13	5	1					
ver	-	7.3	8	-	3	4	1	-	-	-	16. Spleen Disease, &c.	.2	-	-	-	-	-	-	-	-					
ver	-	7.6	2	-	2	-	-	-	-	-	ORDER 5.														
cough	-	10.8	7	-	5	2	-	-	-	-	1. Nephritis	2.2	6	-	-	-	2	2	2	-					
cough	-	54.8	41	20	19	2	-	-	-	-	2. Ischuria	.3	-	-	-	-	-	-	-	-					
Typhoid Fev.	-	31.6	3	-	-	-	3	-	-	-	3. Bright's Dis. (Nephria)	9.9	16	-	-	3	3	5	5	-					
continued Fev.	-	6.2	11	-	3	3	4	1	-	-	4. Diabetes	1.8	1	-	-	-	-	-	-	1					
Fev. (Metria)	-	4.3	2	-	-	2	-	-	-	-	5. Calculus (Stone)	.5	1	-	1	-	-	-	-	-					
Fev. (Metria)	-	.4	1	-	-	-	2	-	1	1	6. Cystitis	1.6	1	-	-	-	-	1	-	-					
Fev. (Metria)	-	1.6	1	-	-	-	-	1	-	-	7. Kidney Disease, &c.	9.1	10	-	-	1	2	3	4	-					
Fev. (Metria)	-	19.3	13	11	2	-	-	-	-	-	ORDER 6.														
Fev. (Metria)	-	.6	1	-	-	-	-	-	-	-	1. Ovarian Dropsy	.2	3	-	-	-	3	-	-	-					
Fev. (Metria)	-	.2	1	-	-	-	1	-	-	-	2. Uterus Disease, &c.	3.9	4	-	-	-	2	1	1	-					
Fev. (Metria)	-	8.1	6	-	-	1	-	2	3	-	ORDER 7.														
Fev. (Metria)	-	.9	-	-	-	-	-	-	-	-	1. Synovitis (Arthritis)	.4	2	-	-	-	-	1	1	-					
Fev. (Metria)	-										2. Joint Disease, &c.	7.5	9	1	-	4	3	1	-	-					
Fev. (Metria)	-										ORDER 8.														
Fev. (Metria)	-										1. Phlegmon	2.8	3	-	2	1	-	-	-	-					
Fev. (Metria)	-										2. Ulcer	.4	-	-	-	-	-	-	-	-					
Fev. (Metria)	-										3. Skin Disease, &c.	1.0	2	1	1	-	-	-	-	-					
Fev. (Metria)	-										IV. DEVELOPMENTAL DISEASES.														
Fev. (Metria)	-										ORDER 1.														
Fev. (Metria)	-										1. Premature Birth	21.4	24	24	-	-	-	-	-	-					
Fev. (Metria)	-										2. Cyanosis	1.3	3	3	-	-	-	-	-	-					
Fev. (Metria)	-										3. Spina Bifida	.7	3	3	-	-	-	-	-	-					
Fev. (Metria)	-										4. Other Malformations	2.1	2	2	-	-	-	-	-	-					
Fev. (Metria)	-										5. Teething	15.4	17	6	11	-	-	-	-	-					
Fev. (Metria)	-										ORDER 2.														
Fev. (Metria)	-										1. Paramenia	.4	-	-	-	-	-	-	-	-					
Fev. (Metria)	-										2. Childbirth (see Puer-}	6.4	6	-	-	-	6	-	-	-					
Fev. (Metria)	-										peral Fever)														
Fev. (Metria)	-										ORDER 3.														
Fev. (Metria)	-										1. Old Age	41.1	49	-	-	-	-	-	23	26					
Fev. (Metria)	-										ORDER 4.														
Fev. (Metria)	-										1. Atrophy and Debility	57.1	37	28	5	-	-	-	4	-					
Fev. (Metria)	-										V. VIOLENT DEATHS, &c.														
Fev. (Metria)	-										ORDER 1.														
Fev. (Metria)	-										(ACCIDENT OR NEGLIGENCE.)														
Fev. (Metria)	-										1. Fractures and Contusions	16.5	24	1	2	-	7	11	2	1					
Fev. (Metria)	-										2. Wounds { Gunshot -	.9	1	-	-	-	-	1	-	-					
Fev. (Metria)	-										{ Cut, Stab }		1	-	-	-	-	1	-	-					
Fev. (Metria)	-										3. Burns and Scalds	2.6	3	-	-	1	1	-	1	-					
Fev. (Metria)	-										4. Poison	1.0	3	-	1	-	-	2	-	-					
Fev. (Metria)	-										5. Drowning	8.4	9	-	1	4	3	1	-	-					
Fev. (Metria)	-										6. Suffocation	8.4	8	6	-	-	1	1	-	-					
Fev. (Metria)	-										7. Otherwise	3.4	1	-	1	-	-	-	-	-					
Fev. (Metria)	-										ORDER 3.														
Fev. (Metria)	-										(HOMICIDE.)														
Fev. (Metria)	-										1. Murder & Manslaughter	2.1	2	2	-	-	-	-	-	-					
Fev. (Metria)	-										ORDER 4.														
Fev. (Metria)	-										(SUICIDE.)														
Fev. (Metria)	-										1. Wounds { Gunshot -	.3	1	-	-	-	-	1	-	-					
Fev. (Metria)	-										{ Cut, Stab -	1.8	2	-	-	-	-	-	2	-					
Fev. (Metria)	-										2. Poison	.9	1	-	-	-	-	1	-	-					
Fev. (Metria)	-										3. Drowning	1.1	1	-	-	-	-	-	1	-					
Fev. (Metria)	-										4. Hanging	1.2	1	-	-	-	-	-	-	-					
Fev. (Metria)	-										5. Otherwise	.5	-	-	-	-	-	-	-	-					
Fev. (Metria)	-										ORDER 5.														
Fev. (Metria)	-										(EXECUTION.)														
Fev. (Metria)	-										1. Hanging	-	-	-	-	-	-	-	-	-					
Fev. (Metria)	-										Violent Deaths (not classed)	.8	-	-	-	-	-	-	-	-					
Fev. (Metria)	-										Sudden Deaths (Cause	.9	-	-	-	-	-	-	-	-					
Fev. (Metria)	-										unascertained)		-	-	-	-	-	-	-	-					
Fev. (Metria)	-										Causes not specified or	5.9	1	1	-	-	-	-	-	-					
Fev. (Metria)	-										ill-defined		-	-	-	-	-	-	-	-					

where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, &c., during the Week ending

REGISTRATION SUB-DISTRICTS.		Enu- mer- ated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include														In- quest Cases.
					Deaths of		Deaths from												
							Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhea.	Violence.	
LONDON - - -		3,254,260	2225	1443	304	281	61	69	28	8	41	3	11	2	13	58	92		
WEST DISTRICTS - - -		561,359	334	253	50	61	6	9	1	2	3	-	2	1	2	15	22		
NORTH DISTRICTS - - -		751,729	536	325	67	63	30	14	5	2	7	-	-	-	4	12	16		
CENTRAL DISTRICTS - - -		334,369	169	131	28	19	-	8	-	1	5	-	2	-	1	6	10		
EAST DISTRICTS - - -		639,111	467	311	68	57	6	24	10	1	14	-	2	1	2	12	25		
SOUTH DISTRICTS - - -		967,692	719	423	91	81	19	14	12	2	12	3	5	-	4	13	19		
WEST DISTRICTS.																			
St. Mary Paddington WH - - -		58728	37	29	11	4	1	1	-	2	1	-	-	-	-	1	1		
St. John Paddington H - - -		38085	18	23	-	5	-	1	-	-	-	-	-	-	-	3	4		
Kensington Town W - - -		91645	72	45	11	15	1	-	-	-	-	-	-	-	-	-	8		
Brompton H - - -		28654	16	7	2	1	-	-	-	-	1	-	-	-	-	-	2		
St. Peter Hammersmith - - -		6662	3	4	1	-	-	-	-	-	-	-	-	-	-	-	2		
St. Paul Hammersmith H - - -		36029	29	15	3	5	-	-	1	-	1	-	-	-	-	2	2		
Fulham WvH - - -		23350	17	18	4	6	3	-	-	-	-	-	-	-	-	1	5		
Chelsea South HHH - - -		26420	18	7	2	1	-	2	-	-	-	-	-	-	-	-	-		
Chelsea North-west WHHHH - - -		22926	12	21	4	1	-	2	-	-	-	-	-	1	-	-	-		
Chelsea North-east - - -		21392	14	7	2	-	-	1	-	-	-	-	-	-	-	-	-		
Hanover Square H - - -		18698	5	6	1	2	1	-	-	-	-	-	-	-	-	-	-		
May Fair WW - - -		13358	4	3	-	1	-	-	-	-	-	-	-	-	-	-	-		
Belgrave HH - - -		57972	32	22	3	7	-	-	-	-	-	-	-	-	-	5	4		
St. John Westminster HH - - -		38478	24	16	3	4	-	-	-	-	-	-	1	-	-	-	2		
St. Margaret Westminster WH - - -		27781	10	11	1	5	-	-	-	-	-	-	-	-	-	1	1		
Golden Square WH - - -		12860	6	5	-	1	-	-	-	-	-	-	-	-	-	-	-		
Berwick-street H - - -		20759	6	7	1	3	-	1	-	-	-	-	-	-	-	-	-		
St. Anne Soho HHHHH - - -		17562	11	7	1	-	-	1	-	-	-	-	1	-	-	-	-		
NORTH DISTRICTS.																			
All Souls Marylebone HHHH - - -		28579	11	8	2	1	-	-	-	-	-	-	-	-	-	-	-		
Cavendish Square HH - - -		15425	4	3	-	-	-	1	1	-	-	-	-	-	-	-	-		
Rectory Marylebone WH - - -		26384	16	17	4	6	-	-	-	-	-	-	-	-	-	-	-		
St. Mary Marylebone HHH - - -		21786	29	5	2	1	1	-	-	-	-	-	-	-	-	-	1		
Christchurch Marylebone H - - -		33944	21	12	4	2	-	-	-	-	-	-	-	-	-	1	1		
St. John Marylebone H - - -		33136	23	10	4	1	-	-	-	-	-	-	-	-	2	-	1		
Hampstead WvHH - - -		32281	19	9	1	-	6	-	-	-	-	-	-	-	-	-	-		
Regent's Park Pancras - - -		38200	19	14	7	-	-	-	-	1	-	-	-	-	-	2	2		
Tottenham-court vHHH - - -		29370	17	20	4	1	-	2	-	-	-	-	-	-	-	1	3		
Gray's Inn Lane HH - - -		29221	26	13	3	3	-	-	-	1	-	-	-	-	-	4	1		
Somers Town - - -		38533	19	12	2	1	-	-	1	-	1	-	-	-	-	1	1		
Camden Town WH - - -		17943	21	8	1	5	1	-	-	-	-	-	-	-	-	-	-		
Kentish Town w - - -		68198	51	22	4	6	-	-	1	-	1	-	-	-	1	-	1		
Islington West HHH - - -		97820	70	37	8	8	5	1	1	-	1	-	-	-	-	-	1		
Islington East WvvhH - - -		115953	82	55	7	16	1	4	-	-	1	-	-	-	1	-	2		
Stoke Newington H - - -		9841	9	8	2	1	-	4	-	-	-	-	-	-	-	-	-		
Stamford Hill - - -		6598	6	3	1	-	-	-	-	-	-	-	-	-	-	-	-		
West Hackney - - -		28069	27	14	5	2	1	1	-	-	2	-	-	-	-	1	-		
Hackney WvvhHL - - -		50104	46	44	5	6	14	1	-	-	1	-	-	-	-	-	2		
South Hackney - - -		30339	20	11	1	3	1	-	1	-	-	-	-	-	-	2	2		
CENTRAL DISTRICTS.																			
St. George Bloomsbury - - -		17853	9	9	5	1	-	2	-	-	-	-	-	-	-	-	-		
St. Giles South WH - - -		19109	9	9	2	1	-	2	-	-	-	-	-	-	-	2	3		
St. Giles North - - -		16594	7	5	-	-	-	-	-	-	-	-	-	-	-	-	-		
Long Acre - - -		11379	9	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
Charing Cross HH - - -		9859	1	6	-	1	-	-	-	-	1	-	-	-	-	1	1		
St. Mary-le-Strand - - -		9378	4	3	-	2	-	1	-	-	-	-	-	-	-	-	-		
St. Clement Danes H - - -		10723	7	12	5	-	-	-	-	-	-	-	1	-	-	1	1		
St. George-the-Martyr HHHHH - - -		20521	8	9	2	-	-	1	-	-	-	-	-	-	-	1	1		
St. Andrew Eastern W - - -		13529	4	6	1	-	-	-	-	-	-	-	-	-	-	-	-		
Saffron Hill H - - -		9066	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. James Clerkenwell W - - -		18917	17	7	5	1	-	-	-	-	1	-	-	-	1	-	2		
Amwell Clerkenwell - - -		16884	3	8	-	3	-	-	-	-	-	-	-	-	-	-	-		
Pentonville - - -		13337	12	5	1	2	-	-	-	-	-	-	-	-	-	-	-		
Goswell-street - - -		16242	12	5	3	-	-	-	-	-	-	-	-	-	-	-	-		
Old-street H - - -		12161	11	3	1	-	-	-	-	-	-	-	-	-	-	-	-		
City-road HHL - - -		18301	19	7	-	1	-	1	-	-	1	-	-	-	-	-	-		
Whitecross-street - - -		13792	5	4	-	-	-	-	-	-	1	-	-	-	-	-	-		
Finsbury - - -		10741	5	4	1	1	-	1	-	-	-	-	1	-	-	-	-		
St. Botolph East London H - - -		14540	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cripplegate - - -		13638	7	4	-	3	-	-	-	-	-	-	-	-	-	-	-		
St. Sepulchre H - - -		7562	5	14	1	2	-	-	-	1	-	-	-	-	-	-	1		
St. Bride W - - -		11185	3	3	-	1	-	-	-	-	-	-	-	-	-	-	-		
Castle Baynard - - -		4426	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Christchurch - - -		6270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Queenhithe - - -		4753	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Allhallows Barking - - -		5764	2	2	-	-	-	-	-	-	-	-	-	-	-	1	1		
Broad-street H - - -		7845	1	1	-	-	-	-	-	-	1	-	-	-	-	-	-		

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see at the foot of next page.

DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
2nd June 1877.

REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													Deaths in Public Institutions.
				Deaths of		Deaths from											
				Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.	
EAST DISTRICTS.																	
Shoreditch - - - -	12430	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shoreditch HL†	16545	9	4	-	2	-	-	-	-	1	-	-	-	-	-	-	2
New Town W - - - -	27835	10	18	3	5	-	2	-	-	1	-	-	-	-	1	-	5
New Town - - - -	26933	24	11	3	2	-	3	-	-	-	-	-	-	-	-	1	-
West W - - - -	24162	20	11	-	2	1	1	-	-	-	-	-	-	-	-	-	-
East H - - - -	19259	11	8	5	-	-	-	-	-	1	-	-	-	-	-	-	2
Ad - - - -	29822	27	12	2	2	-	3	-	-	-	-	-	-	-	1	-	-
Adnall Green WHL†	42433	30	21	3	6	-	-	-	-	-	-	-	-	-	2	4	10
Adnall Green - - - -	26577	19	16	2	3	1	4	1	-	1	-	-	-	-	-	-	-
Adnall Green - - - -	21272	18	17	5	-	-	3	3	-	-	-	-	1	-	1	2	-
H - - - -	22499	25	11	4	2	-	4	-	-	1	-	-	-	-	-	1	-
New Town W - - - -	15550	19	18	3	5	-	1	-	-	-	-	1	-	-	-	3	11
Bel North - - - -	11597	7	7	-	-	-	1	-	1	1	-	-	-	-	-	-	-
Bel Church H - - - -	7322	2	9	1	1	-	-	-	-	-	-	-	-	-	1	2	6
Fields - - - -	10381	5	5	5	-	-	1	-	-	1	-	-	-	-	-	-	-
- - - -	9224	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
George East - - - -	17900	11	6	2	2	-	-	-	-	1	-	-	-	-	-	-	-
George East - - - -	21350	13	9	1	3	-	-	-	-	1	-	-	-	-	-	-	-
George East W - - - -	8802	5	10	-	1	-	-	-	-	-	-	-	-	-	2	2	6
- - - -	11640	4	11	1	3	-	-	-	-	-	-	-	-	-	1	1	4
- - - -	16131	7	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-
W - - - -	29919	17	14	3	2	2	1	1	-	-	-	-	-	1	-	3	-
Old Town Western - - - -	38128	40	10	1	2	1	-	-	-	-	-	-	-	-	-	-	-
Old Town Eastern WwvH -	65024	49	21	8	4	-	-	-	-	-	-	-	-	-	1	2	2
HL† - - - -	67765	54	36	6	6	1	-	5	-	2	-	1	-	-	-	1	9
V - - - -	48611	34	19	10	2	-	-	-	-	3	-	-	-	1	1	3	1
SOUTH DISTRICTS.																	
Southwark WH - - - -	14573	15	10	2	3	-	-	-	-	-	-	-	-	-	1	1	3
Southwark H - - - -	15677	6	14	4	2	-	1	-	-	-	1	-	-	-	-	-	-
- - - -	20421	9	6	-	2	-	-	-	-	-	-	-	-	-	-	2	-
Ad WH - - - -	16695	14	5	2	1	-	1	-	-	-	-	-	-	-	-	-	-
Ad HL - - - -	18961	15	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Wington - - - -	23682	19	9	3	-	-	1	-	-	1	-	-	-	-	-	-	-
Walworth W - - - -	48248	27	32	14	4	3	1	1	-	1	-	1	-	-	-	-	7
Wington - - - -	16792	8	7	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Southwark H - - - -	4373	1	16	-	1	-	-	-	-	-	-	-	-	-	1	1	13
Worsleydown W - - - -	10500	5	4	-	1	-	-	-	-	-	-	1	-	-	-	-	2
Market - - - -	16787	9	5	2	1	-	1	-	-	-	-	-	-	-	-	1	-
Bagdalen W - - - -	15709	18	6	2	4	-	-	-	-	-	-	-	-	-	-	-	3
Bermondsey - - - -	47933	34	18	6	4	1	1	-	-	1	-	-	-	-	1	1	1
W - - - -	27096	28	15	6	1	-	-	-	-	2	-	-	-	-	1	2	1
Ad 1st H - - - -	14074	6	9	-	1	1	2	1	-	-	-	-	-	-	-	-	2
Ad 2nd H - - - -	18465	20	9	3	-	-	2	-	-	-	-	-	-	-	-	-	1
Church 1st H - - - -	19492	6	18	2	2	-	1	2	-	-	-	1	-	-	4	5	11
Church 2nd WW - - - -	35833	22	8	-	3	-	-	-	-	-	-	-	-	-	-	-	4
1st - - - -	41286	22	11	1	2	-	1	-	-	-	-	-	-	-	-	-	-
2nd - - - -	31221	15	7	1	1	-	-	1	-	-	-	-	-	-	-	-	-
- - - -	35435	26	24	4	3	8	-	-	1	-	3	-	-	-	1	1	12
W - - - -	12536	6	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
I - - - -	27347	17	12	2	3	-	-	-	-	1	-	-	-	-	-	-	1
Ww - - - -	54016	41	35	9	7	-	1	3	-	2	-	1	-	-	1	-	3
H HL - - - -	19783	17	10	-	2	-	-	3	-	-	-	-	-	-	-	-	4
- - - -	9439	9	5	1	1	-	-	-	-	-	-	-	-	-	1	1	-
- - - -	14475	16	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
- - - -	4041	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
W WL†L† - - - -	31254	22	17	1	6	-	-	-	-	1	-	-	-	-	1	1	6
W - - - -	42160	45	19	8	2	3	-	-	-	-	-	-	-	-	1	1	-
Camberwell - - - -	33851	30	15	2	4	-	1	-	-	-	-	-	-	-	-	-	-
Deptford W - - - -	53714	57	22	3	4	3	-	-	1	1	-	-	-	-	-	-	2
Deptford - - - -	6474	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
West - - - -	21034	20	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
East WH - - - -	19378	17	11	1	3	-	-	-	-	-	-	1	-	-	1	1	5
- - - -	4539	7	2	-	-	-	-	1	-	-	-	-	-	-	-	-	-
- - - -	16440	9	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Village WH - - - -	11513	9	3	-	1	-	-	-	-	-	-	-	-	-	-	-	1
H - - - -	19065	16	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
I - - - -	9564	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Rockyard - - - -	17226	11	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Arsenal WHH - - - -	18331	11	4	1	1	-	-	-	-	-	-	-	-	-	1	1	-
West - - - -	13027	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
East W - - - -	15232	14	6	1	1	-	-	-	-	-	-	-	-	-	-	-	2

ing WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the
by w:-

London Sick Asylum in Tottenham-court sub-district.
Kentish Town sub-district.
City Workhouse in Islington East sub-district.
Infirmary " Hackney sub-district.
City Workhouse " Hoxton New Town sub-district.
apel " Mile End Old Town Eastern sub-dist.
London City Workhouse in { Mile End Old Town Eastern sub-dist. and
Bow sub-district.
Stepney " Bow sub-district.
Poplar & Stepney Sick Asylum " in Battersea sub-district.
Westminster Union Industrial School in Fulham, Hampstead, Hack-
ney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 2nd June 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enume- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
						Deaths of		Deaths from											
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.				
	LONDON—OUTER RING	368,414	631,381	436	270	56	66	8	5	5	4	10	2	7	8	13	37		
29 : 1	Carshalton W - - -	12228	13523	2	4	1	2	-	-	-	-	-	-	-	-	-	-		
2	Epsom (part of) * WH -	9971	9145	6	2	1	1	-	-	-	-	-	-	-	-	-	-		
36 : 1	Godstone (part of) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
37 : 1	Croydon WWH - - -	20851	71319	45	29	5	9	-	-	-	-	5	-	2	1	3	4		
2	Mitcham WH - - -	11697	12534	6	3	2	-	-	-	-	-	-	-	-	-	-	-		
38 : 1	Wimbledon HH - - -	3220	9087	7	2	-	1	-	1	-	-	-	-	-	-	-	-		
2	Kingston WH - - -	8549	27489	17	11	-	-	-	1	-	-	-	-	1	2	2	2		
3	Esher (part of) * - - -	6601	7353	1	2	-	1	-	-	-	-	-	-	-	1	1	-		
4	Hampton - - -	4573	10185	4	-	-	-	-	-	-	-	-	-	-	-	-	-		
39 : 1	Richmond WH - - -	2271	16829	11	10	3	2	-	-	-	-	1	-	-	-	-	1		
2	Mortlake - - -	2961	9316	9	2	-	-	-	-	-	1	-	-	-	-	-	-		
40 : 1	Bromley (part of) * HH -	15669	19509	8	17	2	1	-	-	-	2	-	-	-	-	-	-		
2	Chislehurst (part of) * W -	13665	10028	2	2	2	-	-	-	-	-	-	-	-	-	-	-		
41 : 1	Bexley H - - -	13439	19566	13	8	1	6	-	-	-	-	-	-	-	-	-	-		
123 : 1	Sunbury W - - -	11055	9860	8	2	-	-	-	-	-	-	-	-	-	-	-	-		
2	Staines W - - -	13277	10339	5	4	-	3	-	-	-	-	-	-	-	-	-	-		
124 : 1	Hillingdon WH - - -	6029	9712	8	5	1	2	-	-	-	-	-	-	-	-	-	3		
2	Uxbridge - - -	6178	5329	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
3	Hayes WL - - -	14587	10497	12	8	1	-	-	-	1	-	-	-	1	-	-	3		
125 : 1	Isleworth W - - -	7008	19930	23	9	-	6	-	-	1	-	-	-	-	-	-	3		
2	Twickenham - - -	2477	10533	3	5	-	1	-	-	-	-	-	-	-	-	1	-		
3	Brentford HL - - -	4370	20279	18	11	5	2	-	-	-	-	1	-	1	-	1	-		
4	Chiswick - - -	1311	8508	11	4	2	2	-	-	-	-	-	-	-	-	-	-		
5	Acton WH - - -	6087	12683	17	6	2	1	1	-	-	-	-	-	-	1	1	-		
126 : 1	Harrow H - - -	13809	10869	4	2	-	-	-	-	-	-	-	-	-	-	-	-		
2	Edgware - - -	6994	3450	1	1	1	-	-	-	-	-	-	-	-	-	-	-		
3	Willesden - - -	4383	15369	14	10	2	2	-	-	-	-	1	-	-	-	-	-		
4	Hendon WH - - -	8332	6972	6	4	2	1	1	-	-	-	-	-	-	-	-	-		
127 : 1	South Mimms - - -	15419	5924	3	4	2	-	-	-	-	-	-	-	-	-	-	-		
2	Barnet W - - -	5423	7752	4	5	-	3	-	-	-	-	-	-	-	1	-	2		
3	Finchley L - - -	4688	11493	10	9	-	3	-	-	-	-	-	-	-	-	-	7		
128 : 1	Hornsey H - - -	3039	19357	18	10	4	1	-	-	-	-	2	-	1	-	2	-		
2	Tottenham H - - -	4642	22369	14	10	2	1	-	1	-	1	-	-	-	-	1	-		
3	Edmonton WW - - -	7483	13360	9	12	2	4	-	-	1	-	-	-	-	-	-	7		
4	Enfield WH - - -	12653	16054	6	7	2	3	-	-	-	-	-	-	-	-	-	-		
5	Waltham Abbey - - -	11017	5197	4	-	-	-	-	-	-	-	-	-	-	-	-	-		
6	Cheshunt - - -	8493	7518	5	2	-	1	-	-	-	-	-	-	-	-	-	-		
134 : 1	Hatfield (part of) * - -	3180	559	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
136 : 1	Bushey - - -	9028	6472	3	2	-	-	-	-	-	-	-	-	-	-	-	-		
135 : 1	Stratford - - -	882	23236	20	9	2	4	1	-	-	-	-	-	-	-	1	-		
2	West Ham WWWW - - -	7345	44642	38	21	7	-	5	-	2	-	-	1	-	1	-	4		
3	Leyton WW - - -	4274	15513	11	6	1	2	-	1	-	-	-	-	-	-	-	1		
4	Walthamstow H - - -	6619	15701	11	5	-	1	-	-	-	-	-	1	-	-	-	-		
136 : 1	Chigwell (part of) * H -	10483	8169	3	1	-	-	-	1	-	-	-	-	-	-	-	-		
138 : 1	Romford (part of) * - -	6730	2879	4	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Ilford - - -	8492	5947	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Barking Town - - -	4128	6576	4	3	1	-	-	-	-	-	-	-	-	1	1	-		

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:— 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134 : 1, only the parish of Northaw in Hatfield sub-district; 136 : 1, the whole of the Chigwell sub-district, except the parish of Thoydon-Bow (pop. 796); 138 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 2nd June, 1877.

THE CITY OF LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from									Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.		
GREATER LONDON	446,494	4,367,547	20·5	3·3	1713	360	347	69	74	33	12	51	18	20	66	337	
CITY OF LONDON -	78,080	3,533,484	21·3	3·5	1443	304	281	61	69	28	8	41	16	13	58	300	
OUTER RING -	368,414	834,063	16·9	2·6	270	56	66	8	5	5	4	10	2	7	8	37	

The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 6·4 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 18 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 28 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH- RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
ALCUTTA -	429,535	April 28	-	201	24·4	Fever 54; cholera 36.
BOMBAY -	644,405	May 1	-	853	68·8	Small-pox 43; remittent fever 353; cholera 68.
MADRAS -	397,552	April 13	206	1019	133·2	Small-pox 388; cholera 100; fevers 122.
		" 20	250	947	123·8	Small-pox 367; cholera 92; fevers 104.
PARIS -	1,851,792	May 31	-	925	26·0	Small-pox 4; typhoid fever 21; measles 12.
GENEVA* -	67,829	" 26	33	27	20·8	Typhus 1.
RUSSELS -	188,609	" 26	110	99	27·3	Small-pox 7.
AMSTERDAM -	289,981	" 26	197	144	25·2	Croup 3; measles 11.
ROTTERDAM -	136,231	" 26	100	68	25·9	—
THE HAGUE -	104,095	" 26	60	51	25·5	Croup 1.
COPENHAGEN -	215,000	" 29	166	92	22·3	Whooping-cough 7.
STOCKHOLM -	146,845	" 19	-	111	39·3	Scarlet fever 3; typhoid fever 2.
CHRISTIANIA -	79,000	" 26	63	26	17·1	Scarlet fever 2; diphtheria and croup 1.
BERLIN -	997,269	" 12	773	555	28·9	Scarlet fever 11; diphtheria 8; typhus 5.
HAMBURG (State)	393,588	" 12	337	244	32·3	Scarlet fever 6; diphtheria and croup 5.
BRESLEN -	202,295	" 19	146	101	25·9	Scarlet fever 5; diphtheria and croup 7.
BRESLAU -	246,813	" 26	213	142	28·7	—
MUNICH -	209,000	" 26	189	168	42·0	Diphtheria and croup 8.
VIENNA -	714,548	" 26	529	373	27·1	Small-pox 12; scarlet fever 6; diphtheria 11.
BUDA-PESTH -	315,401	" 19	262	275	45·3	Typhus 22; small-pox 2; whooping-cough 13.
ROME -	278,099	" 12	122	112	20·8	Small-pox 2; diphtheria and croup 7.
PARIS -	454,918	" 13	-	254	29·1	Typhus 3; diphtheria 7.
MURIN -	223,488	" 19	121	113	28·2	Diphtheria and croup 5; typhd. fev. & typhus 5.
VENICE -	139,796	" 19	72	59	21·9	Typhoid fever 2; diphtheria and croup 1.
ALEXANDRIA -	212,034	" 19	126	197	48·5	Small-pox 3; whooping-cough 13.
NEW YORK -	1,077,228	" 5	-	472	22·8	Scarlet fever 20; diphtheria 12; croup 9.
BROOKLYN -	527,830	" 5	-	180	17·7	Scarlet fever 17; diphtheria 17.
PHILADELPHIA -	850,856	" 12	-	276	16·9	Scarlet fever 7; typhoid fever 5.
BOSTON -	363,000	" 5	-	111	15·9	Scarlet fev. 4; diphth. 6.

* With suburbs, including Genf, Plain-palais, and Eaux-Vives.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 2nd JUNE, 1877.

[Under the Superintendence of the Astronomer Royal.]

MOON.		READINGS OF THERMOMETERS.										DIFFERENCE				WIND.				RAIN.							
Phases of Moon.	1877.	BARO-METER.		Dry.			Dew Point.		Highest in the sun, as shown by self-registering Thermometer with bulb in vacuo, placed on the Grass.		Lowest in the sun, as shown by self-registering Thermometer with Minimum placed on the Grass.		In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between Dew Point and Temperature.		Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*		Degree of humidity, complete saturation being represented by 100.	As deduced from Anemometers.				Collected in a Gauge whose surface is 5 in. above the ground.			
		Mean daily reading (corrected and reduced to 32 degt. Fahrenheit).	Mean daily reading (corrected and reduced to 32 degt. Fahrenheit).	High-est.	Low-est.	Range in day.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Least.	Great-est.	General Direction.		Pressuron squarefoot			Robinson's.							
															A. M.	P. M.	Great-est.	Least.		Mean of 24 Obs.	Amount of Horizontal Movement of Air of each day.	Depart-ure from Average of 16 years.					
MAY.																											
SUN.	27	Full	29.593	65.5	43.0	22.5	54.3	43.7	123.8	37.7	54.7	52.3	10.6	18.4	3.7	— 1.1	68	SSW.&SW.	SSW.&SW.	7.4	0.0	0.9	442	+192	0.00	11.8	
MON.	28	Greatest Dec. S.	29.121	63.0	50.7	12.3	55.1	44.9	117.7	46.9	55.3	52.8	10.2	14.8	4.0	— 0.5	69	SSW.&SW.	SW.	24.8	0.0	2.2	670	+420	0.11	16.7	
TUES.	29	..	29.380	63.8	44.5	19.3	51.9	41.4	121.2	41.0	56.3	54.1	10.5	18.4	3.1	— 3.9	68	SW.	SW.	4.0	0.0	0.4	398	+148	0.00	13.5	
WED.	30	..	29.478	65.8	43.6	22.2	53.1	41.7	126.1	38.2	56.8	54.3	11.4	18.7	2.0	— 2.9	65	SW.	SW. SSW. & S.	2.5	0.0	0.2	345	+95	0.00	17.7	
THURS.	31	..	29.438	66.4	44.0	22.4	54.7	48.4	109.6	40.0	57.3	54.5	6.3	14.2	2.4	— 1.6	79	NE. E. & SE.	SW. & SSE.	2.0	0.0	0.1	245	— 5	0.00	14.1	
JUNE.																											
FRI.	1	..	29.363	60.0	50.8	9.2	53.2	46.4	92.6	46.5	58.3	55.3	6.8	9.3	4.2	— 3.3	78	SE. S. & SW.	SW.	20.0	0.0	3.4	673	+429	0.17	24.4	
SAT.	2	Apogee.	29.731	60.8	50.6	10.2	53.4	48.4	85.0	46.7	57.9	55.3	5.0	7.2	3.0	— 3.3	83	SW.	SW. & SSW.	23.0	0.0	2.4	545	+306	0.00	19.2	
MEANS .		..	29.443	63.6	46.7	16.9	53.7	45.0	110.9	42.4	56.7	54.1	8.7	14.4	3.2	— 2.4	73	SW.		..	..	..	Sum 3318	+1585	Sum 0.28	16.8
No. of Ccl.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. a.m.; noon; 3h. p.m.; and 9h. p.m. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending December 31, 1845.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. a.m.; noon; 3h. p.m.; and 9h. p.m., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873.

* In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and — "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 22 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregateduration of bright sunshine on each day.

The reading of the barometer decreased to 29.89 in. at the beginning of the week to 29.09 in. by 3h. p.m. on the 28th; increased to 29.50 in. by 9h. p.m. on the 30th; decreased to 29.40 in. by 9h. p.m. on the 31st of May; increased to 29.51 in. by 9h. p.m. on the same day; decreased to 29.26 in. by noon on the 1st of June; and increased to 29.75 in. at the end of the

DATE.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
MAY.					
SUNDAY	27	No electricity was shown.	11·0	16·1	A fine day. Partially cloudy.
MONDAY	28		7·0	16·1	Heavy shower of rain in early morning; fine and partially cloudy afterwards. A gale of wind.
TUESDAY	29		9·6	16·1	A fine day. Partially cloudy.
WEDNESDAY	30		12·4	16·2	Partially cloudy till evening; cloudless at night. A fine day.
THURSDAY	31		1·5	16·2	The sky was generally covered with cloud. Solar halo between 5h. and 6h. P.M.
JUNE.					
FRIDAY	1	Strong positive and negative with sparks and galvanic currents in the morning.	2·5	16·2	Generally overcast. Showery. A gale of wind.
SATURDAY	2	No electricity was shown.	0·0	16·3	Overcast generally. A gale of wind.
			Sum 44·0	Sum 113·2	
No. of Col.			59	50	

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

23. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, JUNE 9. [Price 1½d.

*General Register Office, Somerset House,
June 11th, 1877.*

UNITED KINGDOM.

DURING last week 5732 *births* and 3583 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2149. The mortality from all causes was at the average rate of 23 deaths annually in every 1000 persons living. The annual death-rate was 18 per 1000 in Edinburgh, 26 in Glasgow, and 31 in Dublin; measles showed exceptional fatality in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Portsmouth 16, Newcastle-upon-Tyne 17, Norwich 17, Leicester 18, London 21, Wolverhampton 21, Plymouth 21, Bristol 22, Brighton 22, Nottingham 23, Salford 23, Bradford 23, Sunderland 24, Birmingham 25, Hull 25, Liverpool 26, Leeds 26, Sheffield 26, Manchester 28, and Oldham 31. The annual death-rate from the seven principal zymotic diseases averaged 3·2 per 1000 in the twenty towns, and ranged from 0·0 and 0·8 in Portsmouth and Plymouth, to 4·7 and 6·3 in Manchester and Salford. The deaths referred to small-pox in the twenty towns, which had been 79 in each of the two preceding weeks, declined to 72 last week, of which 58 occurred in London, 8 in Liverpool, 5 in Manchester and Salford (exclusive of 2 municipal fatal cases in the Small Hospital), and one in Oldham; no death from this disease was recorded in any of the fifteen other of these twenty towns.

LONDON.

IN LONDON 2348 BIRTHS and 1429 DEATHS were registered. Allowing for increase of population, the births exceeded by 111, and the deaths by 80, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two preceding weeks had been equal to 20·6 and 21·3 per 1000, was last week 21·1.

The 1429 deaths included 58 from small-pox, 65 from measles, 19 from scarlet fever, 6 from diphtheria, 40 from whooping-cough, 16 from different forms of fever, 16 from diarrhœa; thus to the seven principal diseases of the zymotic class 220 deaths were referred, against 220 and 236 in the two preceding weeks. These deaths were 17 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 2·2 per 1000. The 65 fatal cases of measles, although four less than those in the previous week, exceeded the corrected weekly average by 29; the disease was especially fatal in East London, where 27 deaths therefrom were recorded, including 10 at Bethnal Green, 8 in Whitechapel, and 5 in Shoreditch. Only 19 deaths were referred to scarlet fever, of which 5 occurred in Battersea and 3 in Bow; a considerable number of cases of scarlet fever were admitted into the London Fever Hospital during the week from Paddington, where an outbreak of the disease has occurred. The deaths from whooping-cough were also below the average; and but 16 fatal cases of diarrhœa were registered instead of the average 26. The 16 deaths referred to fever were but half the corrected average weekly number; one was certified as typhus, 11 as enteric or typhoid, and 4 as simple continued fever. The first case of typhus was recorded in the Stockwell Fever Hospital, to which it was removed from Cromer Street, Pancras.

The fatal cases of small-pox, which in the four preceding weeks had slowly but steadily declined from 78 to 61, were 58 last week, of which 29 were certified as unvaccinated, and 12 as vaccinated; in the remaining 17 cases the medical certificates did not contain any information relating to vaccination. The 58 included 31 which were recorded in the Metropolitan Asylum Hospitals, and 2 in the Regent Small Pox Hospital; the other 25 fatal cases occurred in private dwellings. After distributing the 31 fatal hospital cases, it appears that 7 of the unvaccinated small-pox patients had resided in Lambeth, 5 in Camberwell, and 5 in Bow

and Poplar. Of the 58 fatal cases, 26 belonged to the South group of districts, and 16 were of children under five years of age. Three deaths from small-pox occurred in private dwellings in Newington, 3 in Peckham, and 3 in Deptford.

The Metropolitan Asylum District Hospitals contained 850 small-pox patients on Saturday last, against 964 and 891 at the end of the two preceding weeks. The number of new cases admitted during the week was 167, showing a further decline from the numbers of admissions in the three preceding weeks, which were 254, 219, and 178.

The word "vaccinated" is ambiguous; for it is applied:—(1) popularly to the operation of puncturing the skin and inserting vaccine lymph, without reference to its effect; and (2) scientifically to vaccination that induces cow-pox. Two words are needed, and the word "vaccinized" might be used with advantage in the second case, where cow-pox is induced and distinct marks are left. Should the word vaccinized not be used, a child must not be described in the medical certificate as "vaccinated" unless it had distinct marks of cow-pox before the appearance of the small-pox eruption.

The deaths referred to diseases of the respiratory organs, which had steadily declined from 355 to 259 in the four preceding weeks, were 251 last week, and exceeded the corrected average weekly number by 53.

Different forms of violence caused 59 deaths; 38 were the result of negligence or accident, including 21 from fractures and contusions, 7 from drowning, and 4 of infants under one year of age from suffocation. The 21 deaths from fractures and contusions were thus caused: male aged 37, male 29, male 34, and male 5, run over by vans; male 34, and male 39, run over by carts; female 56, and male 56, run over by omnibus; male 8, run over by carriage; male 5, run over by a brougham; female 82, knocked down by a horse; male 36, and male 33, fell from a height (nature of height not stated); male 23, fell from a tree; female aged one year, pushed down in the street; male 22, fell down a ship's hold; male 65, fell down stairs; female 8 months, by fall (nature of fall not stated); male 36, and male 49, run over on railway; and female 20, by fall of an iron rod. An inquest was held in each of these cases; 10 of the deaths occurred in hospitals.

In the large Public Institutions 293 deaths were recorded, or 21 per cent. of the total deaths; of these, 188 occurred in Workhouse Establishments, 93 in Hospitals, and 12 in Lunatic Asylums.

GREATER LONDON.

In Greater London 2850 births and 1656 deaths were registered, equal to annual rates of 34·1 and 19·8 per 1000 of the population. The three fatal cases of small-pox in the Outer Ring occurred in Mortlake, Stratford, and West Ham sub-districts. Two deaths from scarlet fever were registered in Hayes (Uxbridge) sub-district.

Dr. Frankland reports as the result of his analysis of the waters supplied to the Metropolis and some of its suburbs during May, that taking unity to represent the average amount of organic impurity in a given volume of the Kent Company's water during the last nine years, the proportional amount of such impurity in an equal volume of water supplied by each of the other Companies, and by the Tottenham Local Board was:—Tottenham 0·3, Kent 1·2, East London 1·8, New River 2·0, Colne Valley 2·2, Chelsea 2·2, Grand Junction 2·2, Lambeth 2·8, West Middlesex 2·9, and Southwark 3·1. The river waters generally showed an improvement upon those delivered during April; they appear to have assumed their summer quality, and were all efficiently filtered before delivery. The artesian well waters, delivered by the Kent and Colne Valley Companies, and by the Tottenham Local Board, were of the usual excellent quality. The softened Colne Valley water was, however, slightly turbid from suspended particles of chalk.

Dr. Hill reports that the water supplied to Birmingham was clear, and that its proportional organic impurity continues to decline. The Loch Katrine water supplied to Glasgow is reported by Dr. Mills to have been of a pale brown colour, and to have contained a "number of muddy and hairy particles," with traces of iron.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 27, Bombay 68, Madras 122; Paris 25; Geneva 29; Brussels 27; Amsterdam 29, Rotterdam 24, The Hague 23; Copenhagen 23; Stockholm 40; Christiania 17; Berlin 28, Hamburg 29, Dresden 25; Breslau 26, Munich 42; Vienna 31, Buda-Pesth 40; Rome 21, Naples 30, Turin 26, Venice 26; Alexandria 53; New York 21, Brooklyn 20, Philadelphia 22, and Boston 17. Cholera caused 97 deaths in Bombay, 94 in Madras, and 28 in Calcutta.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·81 in.; lowest reading was 29·52 in. on Monday evening, and the highest 30·05 in. on Thursday evening. The mean temperature of the *air* was 60°·4, and 3°·0 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average on Wednesday and Thursday, but showed an excess on each of the other days of the week; on Monday the mean was 65°·4, and an excess by 8°·3, while on Wednesday it was but 55°·5, and 2°·0 below the average. The lowest temperature was 44°·2 on Thursday, and the highest day temperature in the shade 81°·7 on Monday; the extreme range in the week was, therefore, 37°·5. The highest temperature in the shade, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the roof, was 136°·5 on Monday. The difference between the mean *dew-point* and *air* temperature averaged 10°·8. The mean temperature of the water in the Thames, derived from daily observations taken at the “Royalist” Police Ship, was 58°·8. The air was dry; the mean degree of *humidity* of the air was 68, complete saturation being represented by 100. The general direction of the *wind* was south-west, and the horizontal movement of the air averaged 13·0 miles per hour, which was 3·0 above the average in the corresponding week of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·07 inches. The duration of registered sunshine in the week was 70·3 hours, out of the 114·6 hours that the sun was above the horizon. According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames was 288,022 cubic metres at Crossness, and 1,357,390 cubic metres at Barking, equivalent to about as many tons by weight.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of May 1877; according to their returns 117,591,830 gallons or 534,274 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 220·8 gallons (100·3 decalitres) rather more than a *ton* by weight, to each house, and 31·1 gallons (14·1 decalitres) to each person, against 32·4 gallons in May 1876. According to returns of the London Water Companies made to the Select Committee on East London Water Bills (Session 1867), it is estimated that, during the year 1866, about 82 per cent. of the total supply of water for all purposes was for domestic use: applying this proportion to the total quantity supplied daily in the month of May 1877, it may be estimated that about 425,301 gallons were used for domestic purposes, or about 25·5 gallons per day for each inhabitant, against 26·6 in the corresponding month of last year.

COMPANIES.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for do- mestic consumption) during the Month of	
	MAY 1876.	MAY 1877.	MAY 1876.	MAY 1877.
TOTAL SUPPLY	525,878	532,613	121,146,288	117,591,830
From Thames	247,713	250,034	62,057,956	59,218,609
From Lea and from other Sources	278,165	282,579	59,088,332	58,373,221
THAMES.				
Chelsea	28,670	28,741	7,936,500	7,560,600
West Middlesex	47,920	49,162	10,237,235	10,334,504
Southwark and Vauxhall	80,456	78,000	19,470,500	17,750,000
Grand Junction	36,616	37,683	11,053,121	10,698,605
Lambeth	54,051	56,448	12,760,600	12,874,900
LEA AND OTHER SOURCES.				
New River	124,182	125,180	26,629,000	25,973,000
East London	109,375	111,967	25,086,700	25,403,400
Kent	44,608	45,432	7,372,632	6,996,821

Note.—The Return for May 1877, as compared with that for the corresponding month of 1876, shows an increase of 6,735 houses, and a decrease of 3,554,458 gallons of water supplied daily.

ANALYSIS OF METROPOLITAN WATER SUPPLY DURING MAY.

Royal College of Chemistry, South Kensington Museum,
9th June 1877.

I HAVE to report to you in the following Table the results of the chemical analysis of the waters supplied to the inner and portions of the outer circle of the Metropolis during the month of May. I append, also, the results obtained in the analyses of the water supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow. Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the last nine years as unity, the proportional amount in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health was :—Tottenham 0·3, Kent 1·2, East London 1·8, New River 2·0, Colne Valley 2·2, Chelsea 2·2, Grand Junction 2·2, Lambeth 2·8, West Middlesex 2·9, and Southwark 3·1.

The river waters delivered by the Chelsea, West Middlesex, Southwark, Grand Junction, Lambeth, New River, and East London Companies have greatly improved since my last report, and have now assumed their summer quality. They were all efficiently filtered before delivery.

The water supplied from artesian wells to the inner circle by the Kent Company, and to the outer circle by the Colne Valley Company and the Tottenham Local Board of Health was wholesome, and palatable, and of most excellent quality for dietetic purposes. The Colne Valley water was also soft and suitable for washing, but it was slightly turbid from suspended particles of chalk.

Seen through a stratum two feet deep, the Kent and Tottenham waters were clear and colourless; the Colne Valley, turbid and colourless; the New River, West Middlesex, and Lambeth, clear and very nearly colourless; the East London, clear and very pale yellow; and the Southwark and Chelsea, clear and very pale brown.

Dr. Hill, the Medical Officer of Health for Birmingham, reports that the water supplied to that town was "clear, and that the organic matter continues to decrease."

Dr. Mills, F.R.S., Professor of Technical Chemistry in the Andersonian University, Glasgow, reports that the water supplied to that city from Loch Katrine was "of a pale brown colour and " contained a number of muddy and hairy particles. Iron traceable."

The Registrar General, &c. &c.

I am, &c.
E. FRANKLAND.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

COMPANIES OR LOCAL AUTHORITIES.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Mat- ters.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Ni- trates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES :	°								
	Chelsea - - - { 10th May, Cab Rank, Horse Guards. }	10·3	27·70	·121	·010	0	·288	·298	1·55	19·6
	West Middlesex - { 10th May, Cab Rank, Portland-road. }	11·5	27·54	·141	·031	0	·273	·304	1·53	19·6
	Southwark and Vauxhall - - { 10th May, Cab Rank, St. George's Church, Borough. }	11·8	27·28	·165	·016	·001	·252	·269	1·55	19·4
	Grand Junction - { 10th May, Lancaster-gate, Hyde Prk. }	9·3	28·10	·120	·012	0	·263	·275	1·50	19·4
	Lambeth - - - { 10th May, Cab Rank, Westminster Bridge-road. }	10·3	29·50	·141	·025	0	·292	·317	1·55	20·1
	OTHER SOURCES :									
	New River - - { 10th May, Cab Rank, Tottenham-court-road. }	10·8	26·78	·110	·009	0	·276	·285	1·50	19·6
Outer Circle.	East London - { 10th May, Royal Hotel, Mile-End-rd. }	11·3	28·74	·097	·012	0	·246	·258	1·70	19·7
	Kent - - - { 11th May, Deptford Bridge Police Station. }	12·3	44·80	·066	·004	0	·524	·528	2·50	28·7
	Colne Valley - - { 8th May, Main at Bushey. }	8·3	16·20	·121	·009	0	·208	·217	1·20	3·0
	Tottenham Local Board of Health - - { 11th May, High Street, Tottenham. }	6·1	45·80	·016	·004	0	·420	·424	3·15	24·7
	Corporation of Birmingham* - - - { 1st May, 13 Court, Milk-street. }	6·1	27·80	·120	·023	·001	·206	·230	1·55	16·1
	Corporation of Glasgow † - { 23rd May, Loch Katrine service. }	8·7	2·64	·177	0	0	·003	·003	·75	·9
Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the Borough.
† Analysed by Dr. E. J. Mills, F.R.S., of the Andersonian University, Glasgow.

The Table is to be read thus: the Chelsea Company's water, collected on 10th May at the Horse Guards cab-rank, had a temperature of 10°·3 C.; 100,000 lbs. of it contained 27·70 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·121 lb. of carbon and ·010 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·288 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·298 lb. The above weight of water also contained 1·55 lb. of chlorine; and 19·6 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

1. BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday the 9th day of June 1877.

PLACES. TOWNS AND VILLAGES. (Boundaries, or LONDON DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 9th June 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
TOWNS in the KINGDOM }	212,881	8,144,940	38·3	5732	3583	83·3	38·6	57·0	13·89	0·25	0·63
" " " "	75,362	3,533,484	46·9	2348	1429	81·7	44·2	60·4	15·78	0·07	0·18
" " " "	2,354	102,264	43·4	62	44	75·7	45·0	57·9	14·39	0·10	0·25
" " " "	4,486	127,144	28·3	77	40	68·4	49·2	56·3	13·50	0·00	0·00
" " " "	7,472	84,023	11·2	38	28	81·0	48·0	61·6	16·45	0·17	0·43
" " " "	1,395	72,911	52·3	52	30	68·0	47·5	55·6	13·12	0·31	0·79
" " " "	4,452	202,950	45·6	127	87	78·7	45·2	57·8	14·34	0·19	0·48
" " " "	3,396	73,389	21·6	54	30	77·3	39·5	55·0	12·78	0·15	0·38
" " " "	8,400	377,436	44·9	320	179	—	—	—	—	—	—
" " " "	3,200	117,461	36·7	98	41	78·5	43·8	57·8	14·34	0·09	0·23
" " " "	1,996	95,025	47·6	63	41	77·3	40·0	56·3	13·50	0·10	0·25
" " " "	5,210	527,083	101·2	385	262	76·2	47·7	56·4	13·55	0·34	0·86
" " " "	4,293	359,213	83·7	298	190	83·3	42·8	57·6	14·23	0·07	0·18
" " " "	5,170	141,184	27·3	129	62	77·5	40·3	55·4	13·00	0·15	0·38
" " " "	4,666	89,796	19·2	90	54	—	—	—	—	—	—
" " " "	7,220	179,315	24·8	113	79	75·6	46·2	56·4	13·55	0·19	0·48
" " " "	21,572	298,189	13·8	231	149	78·0	46·0	57·4	14·11	0·18	0·46
" " " "	19,651	282,130	14·4	178	141	77·0	43·5	57·1	13·95	0·28	0·71
" " " "	3,635	140,002	38·5	110	67	—	—	—	—	—	—
" " " "	3,306	110,382	33·4	81	50	76·0	47·0	58·4	14·66	0·07	0·18
" " " "	5,371	142,231	26·5	110	47	—	—	—	—	—	—
" " " "	4,191	218,729	52·2	153	76	69·9	45·0	56·6	13·67	0·43	1·09
" " " "	6,033	555,933	92·1	432	272	64·0	45·5	54·3	12·39	1·41	3·58
" " " "	10,050	314,666	31·3	183	185	69·4	38·6	55·3	12·95	0·40	1·02

times of the Meteorological Observers in the several towns, *see* note at foot of Table 4.
 Figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by
 on of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The
 of Dublin is taken as stationary at the number enumerated in April 1871.

2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population 7,055,612 persons, and in DUBLIN, during the Week ending Saturday the 9th day of June 1877.

WIGHS, &c.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhea.	Violence.		
TOWNS -	22.6	3.2	3050	671	582	72	107	52	10	110	45	39	115	190	507
- - -	21.1	3.2	1429	282	272	58	65	19	6	40	16	16	59	101	293
N - -	22.5	1.0	44	11	10	-	-	-	-	1	-	1	1	1	8
UTH - -	16.4	0.8	40	5	9	-	-	-	-	1	1	-	-	-	5
- - -	17.4	1.9	28	5	11	-	-	1	1	-	1	-	1	1	6
H - -	21.5	0.0	30	4	9	-	-	-	-	-	-	-	1	2	5
- - -	22.4	3.9	87	15	27	-	1	-	-	10	3	1	4	5	18
HAMPTON -	21.3	2.8	30	8	8	-	1	1	-	1	-	1	-	1	3
HAM - -	24.7	3.7	179	50	31	-	12	1	1	9	-	4	7	19	21
R - -	18.2	0.9	41	14	7	-	-	2	-	-	-	-	1	1	1
HAM - -	22.5	1.7	41	11	13	-	1	-	-	2	-	-	-	-	3
OL - -	25.9	4.3	262	79	32	8	1	3	1	17	9	4	14	17	45
STER - -	27.6	4.7	190	46	34	3	9	8	-	5	4	3	11	19	40
- - -	22.9	6.3	62	13	11	2	6	2	-	5	2	-	-	-	10
- - -	31.4	2.9	54	11	9	1	-	1	-	2	1	-	1	2	6
D - -	23.0	0.9	79	16	14	-	-	-	-	2	-	1	-	1	5
- - -	26.1	3.0	149	36	27	-	5	5	-	4	1	2	5	9	13
D - -	26.1	4.6	141	28	22	-	6	3	1	8	5	2	7	8	9
- - -	25.0	2.2	67	12	14	-	-	2	-	2	1	1	2	2	9
AND - -	23.6	1.9	50	10	13	-	-	3	-	-	-	1	1	1	2
LE-ON-TYNE	17.2	1.8	47	15	9	-	-	1	-	1	1	2	-	-	5
- - -	30.7	6.5	185	38	36	-	24	1	-	3	8	3	1	3	55

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the TWENTY-THIRD Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	1922	2016	1940	2064	2132	2202	1909	2263	2186	2272	2090·6	2348
Males . .	965	1042	1002	1058	1080	1118	959	1141	1104	1213	1068·2	1180
Females .	957	974	938	1006	1052	1084	950	1122	1082	1059	1022·4	1168
TOTAL Deaths	1103	1160	1305	1273	1437	1289	1219	1204	1335	1286	1261·1	1429
Males . .	559	599	687	672	756	673	607	622	714	660	654·9	746
Females .	544	561	618	601	681	616	612	582	621	626	606·2	683

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867-76, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Mar. 17.	Mar. 24.	Mar. 31.	Apr. 7.	Apr. 14.	Apr. 21.	Apr. 28.	May 5.	May 12.	May 19.	May 26.	June 2.	June 9.
TOTAL Deaths - - -	1800	1802	2052	1922	1714	1532	1557	1490	1613	1564	1392	1443	1429
0—20 - - -	850	766	898	877	778	740	722	708	745	758	651	688	692
20—40 - - -	247	270	277	242	233	219	212	220	241	200	211	233	226
40—60 - - -	277	301	380	323	314	257	281	274	280	272	243	241	239
60—80 - - -	338	382	417	391	315	264	289	241	297	265	250	234	224
at 80 years & upwds.	88	83	80	89	74	52	53	47	50	69	37	47	48
Deaths of children { Under 1 year -	392	385	420	380	378	356	345	334	325	341	293	304	282
{ 1—5 - - -	331	269	361	372	277	272	277	260	310	318	249	268	286
{ 5—20 - - -	127	112	117	125	123	112	100	114	110	99	109	116	124
Deaths from 7 principal Zymotic Diseases {	231	201	243	253	208	223	213	189	245	246	220	236	220
" " Small-pox - - -	100	76	86	78	60	68	89	54	78	70	69	61	58
" " Measles - - -	44	32	53	50	58	41	47	44	45	59	56	69	65
" " Scarlet fever - -	15	17	27	16	18	25	14	16	24	20	21	28	19
" " Diphtheria - - -	5	3	8	4	5	6	3	2	4	4	3	8	6
" " Whooping-cough -	36	37	48	69	42	46	30	43	58	59	34	41	40
" " Typhus fever - -	1	4	1	3	2	4	4	3	2	2	1	3	1
" " Enteric (or Typhoid) fever -	15	18	10	19	8	17	11	13	12	6	16	11	11
" " Simple Contag fever -	5	3	3	5	2	5	3	5	2	4	7	2	4
" " Diarrhœa - - -	10	11	7	9	13	11	12	9	20	22	13	13	16
" " Simple Cholera - -	-	-	-	1	-	-	-	-	-	-	-	-	-
" " Dis. of Respiratory Organs -	498	575	645	554	420	343	349	327	355	338	303	259	251
" " Phthisis - - -	189	201	224	208	199	162	167	192	208	149	155	174	174
" " Heart Diseases - -	102	103	114	111	89	91	88	92	93	91	86	91	77
Violent Deaths - - -	52	51	60	54	59	65	51	46	53	48	36	58	59
Inquest Cases - - -	106	94	130	109	129	116	87	84	85	104	82	92	101
Deaths in Public Institutions	349	350	367	332	334	294	346	296	334	315	277	300	293
TEMPERATURE OF THE AIR:													
Mean - - -	41·7	37·7	46·4	47·8	46·9	42·5	44·7	41·3	49·2	51·1	49·1	53·7	60·4
Mean of Highest readings -	49·0	47·3	55·1	57·5	55·9	49·8	54·4	51·4	61·6	60·6	57·5	63·6	74·4
Mean of Lowest readings -	34·8	30·1	40·2	41·7	41·6	37·0	37·6	35·1	38·8	45·3	44·5	46·7	48·7
Mean Temperature of the Water of the Thames -	41·0	42·7	44·9	49·4	50·9	48·9	48·3	48·4	50·1	54·4	53·9	55·4	58·8
Humidity of the Air - - -	73	81	82	82	83	76	78	72	71	82	74	73	68
Rain-fall in inches - - -	0·07	0·56	0·91	0·85	1·73	0·35	0·08	0·20	0·24	0·80	0·23	0·28	0·07
Registered Sunshine (in hours)	26·5	26·7	24·8	20·4	9·4	14·1	26·6	21·2	52·7	19·5	13·5	44·0	70·8

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.	Enume- rated Popu- lation, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include														Inquest Cases.
				Deaths of		Deaths from												
				Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhea.	Violence.			
LONDON	3,254,260	2348	1429	282	272	58	65	19	6	40	1	11	4	16	59	101		
WEST DISTRICTS.																		
St. Mary Paddington WH	58728	44	20	9	2	1	-	1	-	4	-	-	-	1	-	-		
St. John Paddington H	38085	11	11	-	1	1	1	-	-	-	-	-	-	-	1	1		
Kensington Town W	91645	62	44	5	9	2	-	1	-	-	-	-	-	-	4	2		
Brompton H	28654	8	10	3	2	-	-	-	-	-	-	-	-	-	-	-		
St. Peter Hammersmith	6662	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Paul Hammersmith H	36029	19	9	2	3	-	-	-	-	-	-	-	-	-	1	1		
Fulham WvH	23350	22	13	5	3	1	-	-	-	-	-	-	-	-	-	-		
Chelsea South HHH	26420	20	16	3	3	-	1	-	1	-	-	-	-	1	-	-		
Chelsea North-west WHHHH	22926	21	14	1	3	-	1	-	-	-	-	-	-	-	-	-		
Chelsea North-east	21392	22	11	8	-	-	2	-	-	-	-	-	-	-	1	1		
Hanover Square H	18698	1	4	-	1	-	-	-	-	-	-	-	-	-	-	-		
May Fair WW	13358	8	5	1	3	-	-	-	-	-	-	-	-	-	-	-		
Belgrave HH	57972	32	17	1	4	-	1	-	-	-	-	-	-	-	1	2		
St. John Westminster HH	38478	17	13	3	-	-	-	-	-	-	-	2	-	1	1	1		
St. Margaret Westminster WH	27781	11	13	1	5	-	-	-	-	-	-	-	-	-	1	2		
Golden Square WH	12860	3	5	-	1	-	-	-	-	-	-	-	-	-	1	1		
Berwick-street H	20759	7	6	1	-	-	-	1	-	-	-	-	1	-	-	-		
St. Anne Soho HHHHH	17562	12	4	-	-	-	-	-	-	1	-	-	-	-	-	-		
NORTH DISTRICTS.																		
All Souls Marylebone HHHH	28579	16	13	-	3	-	-	-	-	-	-	-	-	-	-	-		
Cavendish Square HH	15425	4	3	1	-	-	-	-	-	-	-	-	-	-	-	-		
Rectory Marylebone WH	26384	14	25	1	12	-	1	-	-	1	-	-	-	-	1	2		
St. Mary Marylebone HHH	21786	23	11	2	4	-	-	-	-	-	-	-	-	-	-	-		
Christchurch Marylebone H	33944	25	11	3	1	-	2	-	-	-	-	-	-	1	-	-		
St. John Marylebone H	33136	20	6	1	3	-	-	-	-	-	-	-	-	-	-	-		
Hampstead WvHH	32281	22	15	1	2	7	-	1	-	1	-	-	-	-	1	2		
Regent's Park Pancras	38200	21	9	3	2	-	-	-	-	-	-	-	-	-	1	2		
Tottenham-court WHHH	29370	16	28	2	1	-	3	-	-	-	-	-	-	1	1	1		
Gray's Inn Lane HHH	29221	22	10	1	5	-	-	-	-	-	-	-	-	-	1	1		
Somers Town	38533	23	15	5	-	-	-	-	-	1	-	-	-	-	1	1		
Camden Town W	17943	12	10	1	8	-	-	-	-	-	-	-	-	-	-	-		
Kentish Town w	68198	57	45	7	10	1	2	1	-	-	-	-	-	-	4	9		
Islington West HHH	97320	86	37	6	6	3	-	-	-	3	-	-	-	2	-	3		
Islington East WvvhH	115958	92	47	9	13	1	1	-	-	1	-	-	-	-	3	3		
Stoke Newington H	9841	9	3	1	1	-	1	-	-	-	-	-	-	-	-	-		
Stamford Hill	6598	5	3	-	1	-	-	-	-	-	-	-	-	-	-	1		
West Hackney	28069	26	7	-	1	-	-	-	-	2	-	-	-	-	-	1		
Hackney WvvhHL	50104	35	31	5	2	11	3	-	-	-	-	1	-	-	1	1		
South Hackney	30339	29	8	4	2	-	1	-	-	1	-	-	-	-	-	-		
CENTRAL DISTRICTS.																		
St. George Bloomsbury	17853	7	8	3	1	-	1	-	1	-	-	-	-	-	-	1		
St. Giles South WH	19109	18	13	4	3	-	1	1	-	-	-	-	-	-	-	-		
St. Giles North	16594	7	3	-	-	-	-	1	-	-	-	-	-	-	-	1		
Long Acre	11379	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Charing Cross HH	9859	4	6	-	1	-	-	-	-	-	-	-	-	-	-	-		
St. Mary-le-Strand	9378	8	3	2	-	-	-	-	-	-	-	-	-	-	-	1		
St. Clement Dapies H	10723	5	8	2	2	-	1	-	-	-	-	-	-	-	1	1		
St. George-the-Martyr HHHHH	20521	8	12	-	2	-	1	-	-	-	-	-	-	-	-	2		
St. Andrew Eastern W	13529	5	10	1	3	-	-	-	-	-	-	-	-	-	-	-		
Saffron Hill H	9066	2	3	-	1	-	-	-	-	-	-	-	-	-	-	-		
St. James Clerkenwell W	18917	12	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Amwell Clerkenwell	16884	7	3	1	2	-	-	-	-	-	-	-	-	-	-	-		
Pentonville	13337	9	4	3	-	-	-	-	-	-	-	-	-	-	-	-		
Goswell-street	16242	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Old-street H	12161	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-		
City-road HHL	18301	18	11	3	3	-	-	-	-	-	-	-	-	-	-	1		
Whitecross-street	13792	9	4	2	-	-	-	-	-	-	-	-	-	-	-	-		
Finsbury	10741	5	6	1	-	-	-	-	-	1	-	-	-	-	-	-		
St. Botolph East London H	14540	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
Cripplegate	13638	3	6	1	1	-	-	-	-	-	-	-	-	-	-	-		
St. Sepulchre H	7562	2	3	-	-	-	-	-	-	1	-	-	-	-	-	1		
St. Bride W	11185	6	3	1	1	-	-	-	-	-	-	-	-	-	-	-		
Castle Baynard	4426	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Christchurch	6270	3	2	1	-	-	-	-	-	-	-	-	-	-	1	1		
Queenhithe	4753	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Allhallows Barking	5764	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-		
Broad Street H	7845	1	2	1	1	-	-	-	-	-	-	-	-	-	-	-		

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 9th June 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enume- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
						Deaths of		Deaths from											
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.				
	LONDON—OUTER RING	368,414	631,381	502	227	33	82	3	6	4	-	2	2	1	9	12	43		
29:1	Carshalton W - - -	12228	13523	7	1	1	-	-	-	-	-	-	-	-	-	-	-		
2	Epsom (part of) * WH -	9971	9145	2	6	-	5	-	-	-	-	-	-	-	-	-	5		
36:1	Godstone (part of) * - -	2754	900	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
37:1	Croydon WWH - - -	20851	71319	49	21	4	6	-	1	-	-	1	-	-	-	-	3		
2	Mitcham WH - - -	11697	12534	8	5	1	-	-	2	-	-	1	-	-	-	1	1		
38:1	Wimbledon HH - - -	3220	9087	9	3	-	1	-	-	-	-	-	-	-	-	-	-		
2	Kingston WH - - -	8549	27489	17	10	3	3	-	-	-	-	-	-	-	-	2	1		
3	Esher (part of) * - - -	6601	7353	8	2	-	-	-	-	-	-	-	-	-	1	1	-		
4	Hampton - - -	4573	10185	10	3	2	-	-	-	-	-	-	-	-	-	-	-		
39:1	Richmond WH - - -	2271	16829	10	10	-	5	-	-	-	-	-	1	-	-	-	3		
2	Mortlake - - -	2961	9316	3	6	-	1	1	1	-	-	-	-	-	1	1	-		
40:1	Bromley (part of) * HH -	15669	19509	12	5	1	2	-	-	-	-	-	-	-	-	-	5		
2	Chislehurst (part of) * W -	13665	10028	8	8	1	5	-	-	-	-	-	-	-	-	-	-		
41:1	Bexley H - - -	13439	19566	14	5	2	1	-	-	-	-	-	-	1	-	-	-		
123:1	Sunbury W - - -	11055	9860	8	4	1	2	-	-	-	-	-	-	-	-	-	1		
2	Staines W - - -	13277	10339	7	1	-	-	-	-	-	-	-	-	-	-	-	-		
124:1	Hillingdon WH - - -	6029	9712	1	2	-	1	-	-	-	-	-	-	-	-	-	-		
2	Uxbridge - - -	6178	5329	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Hayes WL - - -	14587	10497	4	9	1	1	-	-	2	-	-	-	-	-	-	2		
125:1	Isleworth W - - -	7008	19930	19	3	2	1	-	-	-	-	-	-	-	-	-	-		
2	Twickenham - - -	2477	10533	6	4	1	1	-	-	-	-	-	1	-	-	-	-		
3	Brentford HL - - -	4370	20279	10	8	-	2	-	-	-	-	-	-	-	1	1	-		
4	Chiswick - - -	1311	8508	6	-	-	-	-	-	-	-	-	-	-	-	-	-		
5	Acton WH - - -	6087	12683	12	4	-	1	-	-	-	-	-	-	-	1	-	-		
126:1	Harrow H - - -	13809	10869	5	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Edgware - - -	6994	3450	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
3	Willesden - - -	4383	15869	16	4	1	2	-	-	-	-	-	-	-	-	1	1		
4	Hendon WH - - -	8382	6972	4	2	-	1	-	-	-	-	-	-	-	1	-	-		
127:1	South Mimms - - -	15419	5924	1	1	-	1	-	-	-	-	-	-	-	-	-	1		
2	Barnet W - - -	5423	7752	3	3	-	2	-	-	-	-	-	-	-	-	-	6		
3	Finchley L - - -	4688	11493	7	8	1	2	-	-	-	-	-	-	-	-	-	-		
128:1	Hornsey H - - -	3039	19357	31	9	2	3	-	1	-	-	-	-	-	-	-	-		
2	Tottenham H - - -	4642	22869	17	3	-	2	-	-	-	-	-	-	-	-	-	-		
3	Edmonton WW - - -	7483	13860	12	8	-	3	-	-	1	-	-	-	-	1	1	3		
4	Enfield WH - - -	12653	16054	7	5	1	3	-	-	-	-	-	-	-	-	-	-		
5	Waltham Abbey - - -	11017	5197	6	1	-	1	-	-	-	-	-	-	-	-	-	-		
6	Cheshunt - - -	8493	7518	9	3	-	1	-	-	-	-	-	-	-	2	2	-		
134:1	Hatfield (part of) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
136:1	Bushey - - -	9028	6472	3	3	-	1	-	-	-	-	-	-	-	1	1	-		
185:1	Stratford - - -	882	23286	25	10	2	3	1	-	-	-	-	-	-	-	-	2		
2	West Ham WWWW - - -	7345	44642	64	21	4	6	1	-	1	-	-	-	-	-	-	9		
3	Leyton WW - - -	4274	15513	21	16	-	9	-	1	-	-	-	-	-	-	-	-		
4	Walthamstow H - - -	6619	15701	16	5	-	3	-	-	-	-	-	-	-	-	-	-		
186:1	Chigwell (part of) * H -	10483	8169	9	4	2	1	-	-	-	-	-	-	-	-	-	-		
188:1	Romford (part of) * - -	6730	2879	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Ilford - - -	8492	5947	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Barking Town - - -	4128	6576	7	-	-	-	-	-	-	-	-	-	-	-	-	-		

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—
29:2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36:1, the two parishes of Warlingham and Farley in Godstone sub-district; 38:3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40:1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40:2, the whole of the Chislehurst sub-district, except the parish of Chelshfield (pop. 908); 134:1, only the parish of Northaw in Hatfield sub-district; 186:1, the whole of the Chigwell sub-district, except the parish of Thoidon-Boss (pop. 798); 188:1, only the parish of Dagenham in Romford sub-district.

LE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 9th June 1877.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from									Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhœa.	Violence.		
ER LONDON	446,494	4,367,547	19·8	2·8	1656	315	354	61	71	23	6	42	18	17	68	336	
ER LONDON -	78,080	3,533,484	21·1	3·2	1429	282	272	58	65	19	6	40	16	16	59	293	
ER RING -	368,414	834,063	14·2	1·1	227	33	82	3	6	4	-	2	2	1	9	43	

—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 7 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 78,080 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 28 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	May 5	-	219	26·6	Fever 49; cholera 28; small-pox 3.
BOMBAY - -	644,405	" 8	-	848	68·4	Small-pox 26; remittent fever 359; cholera 97.
MADRAS - -	397,552	April 27	212	935	122·2	Small-pox 294; cholera 94; fevers 115.
PARIS - - -	1,988,806	June 7	-	919	24·5	Small-pox 3; typhoid fever 12; measles 15.
GENEVA* - -	67,829	" 2	37	38	29·2	Diphtheria and croup 1; typhus 1.
BRUSSELS - -	188,609	" 2	81	97	26·7	Small-pox 2.
AMSTERDAM -	289,981	" 2	198	167	29·2	Typhus and typhoid fever 7; measles 9.
ROTTERDAM -	136,231	" 2	108	63	24·0	—
THE HAGUE -	104,095	" 2	76	45	22·5	—
COPENHAGEN -	215,000	" 5	158	93	22·6	—
STOCKHOLM -	146,845	May 26	-	114	40·3	Scarlet fever 4; typhoid fever 3; whp.-cough 4.
CHRISTIANIA -	79,000	June 2	54	25	16·5	Diphtheria and croup 1.
BERLIN - - -	997,269	May 19	773	535	27·8	Scarlet fever 16; diphtheria 14.
HAMBURG(State)	393,588	" 19	278	218	28·9	Typhus 4; diphtheria and croup 4.
DRESDEN - -	202,295	" 26	135	99	25·4	Scarlet fever 3.
BRESLAU - -	246,813	June 2	210	130	26·3	—
MUNICH - - -	209,000	" 2	190	167	42·0	Typhus 3; diphtheria and croup 2.
VIENNA - - -	714,548	" 2	610	427	31·1	Small-pox 6; scarlet fever 6; diphtheria 10.
BUDA-PESTH -	315,401	May 26	270	244	40·2	Small-pox 2; typhus 12; whooping-cough 5.
ROME - - - -	278,099	" 19	116	143	20·7	Small-pox 2; diphtheria and croup 10.
NAPLES - - -	454,948	" 20	-	260	29·8	Diphtheria 8; typhus and typhoid fever 8.
TURIN - - - -	223,488	" 26	136	110	25·5	Small-pox 1; diphtheria and croup 4.
VENICE - - - -	139,796	" 26	69	69	25·8	Diphtheria and croup 2; typhoid fever 3.
ALEXANDRIA -	212,034	" 26	143	214	52·7	Small-pox 5; whooping-cough 13.
NEW YORK - -	1,077,228	" 12	-	440	21·2	Scarlet fever 20; diphtheria 7; croup 11.
BROOKLYN - -	527,830	" 12	-	199	19·6	Scarlet fever 22; diphtheria 12.
PHILADELPHIA -	850,856	" 19	-	352	21·6	Scarlet fever 7; typhoid fever 10; diphth. 12.
BOSTON - - -	363,000	" 12	-	116	16·6	Small-pox 1; scarlet fever 2; diphtheria 4.

* With suburbs, including Genf, Plain-palais, and Eaux-Vives.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 9th JUNE, 1877.
[Under the Superintendence of the Astronomer Royal.]

MOON.		BARO-METER.	READINGS OF THERMOMETERS.										DIFFERENCE				WIND.						RAIN.			
			Dry			Dew Point.	Highest, as shown by a self-registering thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering thermometer with blackened bulb in vacuo, placed on the Grass.	In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between Dew Point and Air Temperature.		Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*		Degree of Humidity, complete Saturation being represented by 100.		As deduced from Anemometers.				Collected in a Gauge whose receiving surface is 5 in. above the ground.					
Phases of Moon.		Mean daily reading (corrected and reduced to 32 deg. Fahr. height).	High-est.	Low-est.	Range in day.	Mean daily value.	Mean daily value.	Mean daily value.	Highest.	Lowest.	Highest.	Lowest.	Mean daily value.	Great-est.	Least.	General Direction.	A.M.	P.M.	Great-est.	Least.		Mean of 24 Obs.	Amount of Horizontal Movement of Air each day.	Robinson's.		
JUNE.																										
SUN.	3	..	29.596	78.9	45.2	33.7	63.6	48.1	129.6	39.8	57.5	55.3	15.5	27.2	0.0	+ 6.7	57	SE. & S.	SSE. S. & SSW.	7.0	0.0	0.6	302	+ 67	Inches 0.00	10.7
MON.	4	..	29.558	81.7	53.1	28.6	65.4	58.1	136.5	46.0	58.8	56.3	7.3	20.4	4.8	+ 8.3	77	SW. W. & SE. SW.	SSE. S. & SW.	1.7	0.0	0.1	236	+ 3	0.01	10.5
TUES.	5	Last Qr. In Equator	29.824	70.5	49.5	21.0	58.2	46.4	120.9	43.5	59.8	57.3	11.8	18.4	5.0	+ 0.9	65	SW.	SW.	6.2	0.0	1.1	446	+ 209	0.00	17.0
WED.	6	..	29.816	67.2	46.5	20.7	55.5	47.1	126.0	40.6	60.3	57.5	8.4	17.5	1.0	- 2.0	73	SSW.	SSW. & WSW.	6.0	0.0	1.1	403	+ 165	0.06	22.6
THURS.	7	..	30.022	70.0	44.2	25.8	55.8	44.6	127.8	40.4	60.3	57.8	11.2	24.5	2.4	- 1.8	66	WSW. & SW.	SW. & SSW.	2.7	0.0	0.3	341	+ 101	0.00	10.9
FRI.	8	..	29.899	73.4	47.1	26.3	59.6	50.2	132.3	41.3	61.3	58.8	9.4	19.5	2.7	+ 1.9	71	SSW. S. & SSE.	S. & SSW.	1.7	0.0	0.1	208	- 40	0.00	9.7
SAT.	9	..	29.941	78.9	55.2	23.7	64.9	53.0	135.6	48.3	62.3	59.3	11.9	23.5	4.8	+ 7.0	66	SW. & WSW.	SW.	0.2	0.0	0.0	243	- 8	0.00	13.8
MEANS.		..	29.808	74.4	48.7	25.7	60.4	49.6	129.8	42.8	60.0	57.5	10.8	21.6	3.0	+ 3.0	68	SW.		..	..	..	Sum 2179	+ 497	Sum 0.07	13.6
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE.		Electricity.		Sun above Horizon, in hours.		Registered Sunshine, in hours.		SKY AND ATMOSPHERE.	
JUNE.									
SUNDAY	3	No electricity shown.	was	12.6	16.3	12.6	16.3	A very fine day. The amount of cloud was small.	
MONDAY	4	Strong positive and negative, with sparks and galvanic currents shown shortly before noon.		9.8	16.3	9.8	16.3	Generally fine; partially cloudy. A shower of rain fell shortly before noon. At night dense masses of electric clouds continually passed over, and vivid lightning was frequently seen.	
TUESDAY	5			8.6	16.4	8.6	16.4	Fine; generally cloudy.	
WEDNESDAY	6	No electricity was shown.		6.5	16.4	6.5	16.4	Generally cloudy. Rain fell at night.	
THURSDAY	7			11.0	16.4	11.0	16.4	A fine day; light clouds generally prevailed.	
FRIDAY	8			8.1	16.4	8.1	16.4	A fine day; partially cloudy.	
SATURDAY	9			13.7	16.4	13.7	16.4	A very fine day. A few light clouds occasionally prevailed.	
..		..		Sum 70.3	Sum 114.6	Sum 70.3	Sum 114.6		
No. of Col.		28		29	30	29	30		

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873.

*In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and - "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 29.75 in. at the beginning of the week to 29.52 in. by 9h. P.M. on the 4th; increased to 29.90 in. by 9h. P.M. on the 5th; decreased to 29.75 in. by 9h. P.M. on the 6th; increased to 30.05 in. by 9h. P.M. on the 7th; decreased to 29.83 in. by 9h. P.M. on the 8th; increased to 30.05 in. by 9h. P.M. on the 9th; and was 30.04 in. at the end of the week.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 24. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, JUNE 16. [Price 1½d.

*General Register Office, Somerset House,
18th June, 1877.*

UNITED KINGDOM.

DURING last week 5673 *births* and 3311 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2362. The mortality from all causes was at the average rate of 21 deaths annually in every 1000 persons living. The annual death-rate was 21 per 1000 in Edinburgh, 23 in Glasgow, and 25 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Brighton 13, Leeds 18, Newcastle-upon-Tyne 18, Plymouth 19, Portsmouth 19, London 19, Sheffield 19, Hull 19, Leicester 20, Birmingham 20, Bradford 22, Bristol 23, Nottingham 24, Sunderland 24, Wolverhampton 25, Liverpool 25, Salford 27, Norwich 27, Oldham 28, and Manchester 29. The annual death-rate from the seven principal zymotic diseases averaged 3·2 per 1000 in the twenty towns, and ranged from 0·9 and 1·0 in Leicester and Brighton, to 4·9 and 5·0 in Liverpool and Wolverhampton. The deaths referred to small-pox in the twenty towns, which had been 9 and 72 in the two preceding weeks, further declined to 68 last week, of which 6 occurred in London, 9 in Liverpool, 2 in Birmingham, one in Oldham, one in Salford, and not one in any of the fifteen other towns.

LONDON.

In LONDON 2263 BIRTHS and 1315 DEATHS were registered. Allowing for increase of population, the births were 41, and the deaths 2, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two preceding weeks had been equal to 21·3 and 21·1, declined last week to 19·4, a lower rate than has prevailed in any week since the end of October last.

The 1315 deaths included 55 from small-pox, 61 from measles, 14 from scarlet fever, 7 from diphtheria, 38 from whooping-cough, 16 from different forms of fever, and 27 from diarrhœa; thus to the seven principal diseases of the zymotic class 218 deaths were referred, against 236 and 220 in the two preceding weeks. These 218 deaths were 14 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 3·2 per 1000. The 61 fatal cases of measles showed a further slight decline from the numbers in recent weeks, but exceeded the corrected weekly number by 26, and included 16 in the North and 19 in the East groups of districts; 9 occurred in Chelsea, 5 in Pancras, 7 in Hackney, 5 in Shoreditch, and 9 in Whitechapel. Of the 14 deaths from scarlet fever, 6 occurred in South London, including 3 in Southwark and 2 in Newington. The 38 fatal cases of whooping-cough, of which 13 occurred in East London, showed a further decline from recent weekly numbers. Two deaths from diphtheria occurred in Chelsea. The 27 deaths from diarrhœa, including 19 of infants under one year of age, exceeded the number in the previous week by 11, but were 7 below the corrected weekly average; 9 occurred in South London. The 16 deaths referred to fever were but half the corrected weekly average; 4 were certified as typhus, 9 as enteric or typhoid, and 3 as simple continued fever. The four fatal cases of typhus were recorded in the Westminster Workhouse; in Cable-street, St. George-in-the-East (the disease in this case is said to have been contracted in Manchester); in Edwards-road, Mile End Old Town; and in St. Thomas' Hospital, to which the case had been admitted from Lambeth Walk.

The fatal cases of small-pox, which in the five preceding weeks had slowly but steadily declined from 78 to 58, further decreased last week to 55, of which 25

were certified as unvaccinated, and 8 as vaccinated; in the remaining 22 cases the medical certificates did not contain any information relating to vaccination. The 55 included 25 which were recorded in the Metropolitan Asylum Hospitals, 4 in the Highgate Small-pox Hospital, 3 in the Pancras Small-pox Hospital, and one in St. Thomas' Hospital; the other 22 fatal cases occurred in private dwellings, including 3 in Chelsea, 3 in Islington, and 3 in Hackney. After distributing the 33 fatal hospital cases, it appears that 7 of the deceased small-pox patients had resided in Pancras, 6 in Chelsea, 5 in Hackney, and 4 in Islington. Of the 55 fatal cases 20 belonged to the North and 15 to the South groups of districts, and 16 were of children under five years of age.

The Metropolitan Asylum District Hospitals contained 796 small-pox patients on Saturday last, showing a further decline from the numbers at the end of the three preceding weeks, which were 964, 891, and 850. The number of new cases admitted to these hospitals, which had been 254, 219, 178, and 167, during the four previous weeks, further fell to 145 last week.

The deaths referred to diseases of the respiratory organs last week were 199, showing a further marked decline from recent weekly numbers, but exceeding the corrected average weekly number by 13.

Different forms of violence caused 76 deaths; 59 were the result of negligence or accident, including 24 from fractures and contusions, 3 from burns and scalds, 15 from drowning, 2 from lead poisoning, and 11 of infants under one year of age from suffocation. The 24 deaths from fractures and contusions were thus caused: male aged 22, and male 44, killed on railway; male 4, run over by a van; male 32, run over by a cart; male 2, thrown from a dog-cart; female one, run over by a wagon; male 40, killed by a steam-crane; male 26, killed by machinery in a paper mill; male 30, killed by marine machinery; male 25, fell from a height (nature of height not stated); male 59, female 55, female 3, and female 2, fell down stairs; male 3, and female 5, fell from window; male 17, and male 13, fell from ladder; male 67, fell in street; male 71, fell over a pail; female one, fell from a perambulator; male 23, by fall of heavy substance on; male 75, and male 8, by concussion of brain (not stated how). An inquest was held in each of the 24 cases except the two last, of "concussion of the brain," which were certified by registered medical practitioners; only 8 of the deaths occurred in hospitals.

In the large Public Institutions 275 deaths were recorded, or 21 per cent. of the total deaths; of these, 165 occurred in Workhouse Establishments, 103 in Hospitals, and 7 in Lunatic Asylums.

GREATER LONDON.

In Greater London 2738 births and 1541 deaths were registered, equal to annual rates of 32·7 and 18·4 per 1000 of the population. The three fatal cases of small-pox in the Outer Ring were registered in Stratford, West Ham, and Tottenham; the case at Tottenham occurred on 1st April, although its registration was delayed until last week. Two deaths from measles were registered in Croydon.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 26, Bombay 63; Madras 120; Paris 26; Brussels 24; Amsterdam 25, Rotterdam 29, The Hague 23; Copenhagen 23; Stockholm 37; Christiania 21; Berlin 28, Hamburg 30, Dresden 23, Breslau 32; Munich 42; Vienna 28; Rome 21, Naples 28; Alexandria 41; New York 23, Brooklyn 21, Philadelphia 21, and Boston 19.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·90 in.; the lowest reading was 29·68 in. on Tuesday afternoon, and the highest 30·00 in. on Friday. The mean temperature of the *air* was 62°·2, and 3°·6 above the average in the corresponding week of the 60 years 1814-73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average on Wednesday and Thursday, but showed an excess on each of the other days of the week; on Monday the mean was 66°·3, and in excess by 8°·0, whereas it fell on Wednesday to 56°·3, which was 2°·4 below the average. The lowest night temperature was 48°·0 on Saturday, and the highest day temperature in the shade 83°·7 on Monday; the extreme range in the week was, therefore, 35°·7. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in *vacuo* placed on the grass, was 137°·6 on Saturday. The difference between the mean *dew-point* and *air* temperature averaged 9°·3. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 64°·3. The air was dry; the mean degree of *humidity* was 72, complete saturation being represented by 100. The general direction of the *wind* was Easterly, and the horizontal movement of the air averaged 10·5 miles per hour, which was 0·5 below the average in the corresponding week of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·41 of an inch. The duration of registered sunshine in the week was 68·9 hours, out of the 115·5 hours that the sun was above the horizon.

1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 16th day of June 1877.

TOWNS.	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 16th June 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
ENGLAND & WALES (including London & Dublin.)	212,881	8,144,940	38·3	5673	3311	83·7	40·0	58·0	14·44	0·28	0·71
London	75,362	3,533,484	46·9	2263	1315	83·7	48·0	62·2	16·78	0·41	1·04
Birmingham	2,354	102,264	43·4	37	25	75·6	50·8	61·0	16·11	0·81	2·06
Manchester	4,486	127,144	28·3	60	47	70·2	52·0	59·7	15·39	0·31	0·79
Glasgow	7,472	84,023	11·2	64	44	78·5	48·0	59·8	15·45	0·30	0·76
Edinburgh	1,395	72,911	52·3	48	26	71·0	51·0	60·1	15·62	0·18	0·46
Cardiff	4,452	202,950	45·6	132	89	78·7	46·9	59·3	15·17	0·30	0·76
Sheffield	3,396	73,389	21·6	59	35	75·3	44·8	57·8	14·34	0·19	0·48
Leeds	8,400	377,436	44·9	300	148	—	—	—	—	—	—
Nottingham	3,200	117,461	36·7	98	45	74·2	43·0	58·4	14·66	0·04	0·10
Coventry	1,996	95,025	47·6	51	43	74·9	42·2	56·9	13·83	0·19	0·48
Southampton	5,210	527,083	101·2	411	254	74·0	47·8	56·7	13·72	0·09	0·23
Bristol	4,293	359,213	83·7	273	197	80·0	42·5	57·8	14·34	0·00	0·00
Gloucester	5,170	141,184	27·3	130	73	77·9	42·2	56·8	13·78	0·07	0·18
Exeter	4,666	89,796	19·2	93	48	—	—	—	—	—	—
Truro	7,220	179,315	24·8	156	76	71·1	46·8	56·1	13·39	0·34	0·86
Reading	21,572	298,189	13·8	194	100	72·0	44·0	55·9	13·28	0·29	0·74
Southampton	19,651	282,130	14·4	213	105	76·0	45·0	57·5	14·17	0·79	2·01
Worcester	3,635	140,002	38·5	110	52	75·0	40·0	53·7	12·06	1·02	2·59
Cardiff	3,306	110,382	33·4	90	51	72·0	43·0	56·3	13·50	0·28	0·71
Cardiff	5,371	142,231	26·5	99	50	—	—	—	—	—	—
Cardiff	4,191	218,729	52·2	157	88	72·0	43·0	57·8	14·34	0·00	0·00
Cardiff	6,033	555,933	92·1	431	249	74·0	44·5	58·2	14·55	0·03	0·08
Cardiff	10,050	314,666	31·3	204	151	74·9	40·0	57·9	14·39	0·00	0·00

*Names of the Meteorological Observers in the several towns, see note at foot of Table 4.
†Figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by an increase of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The figures for Dublin is taken as stationary at the number enumerated in April 1871.

2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 1,055,612 persons, and in DUBLIN, during the Week ending Saturday the 16th day of June 1877.

TOWNS, &c.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from											
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.				
TOWNS -	20·9	3·2	2823	651	543	68	96	41	9	108	48	65	142	215	491		
- - -	19·4	3·2	1315	287	254	55	61	14	7	38	16	27	76	116	275		
- - -	12·8	1·0	25	1	4	-	-	-	-	1	1	-	-	1	2		
TH - - -	19·3	2·9	47	13	11	-	-	-	-	5	2	-	-	1	5		
- - -	27·3	1·9	44	12	10	-	-	2	-	-	-	1	4	5	5		
I - - -	18·6	2·2	26	2	13	-	-	1	-	-	1	1	1	1	3		
- - -	22·9	3·9	89	21	21	-	1	-	-	6	5	3	4	8	24		
AMPTON -	24·9	5·0	35	6	9	-	-	4	-	-	-	3	2	2	8		
AM - - -	20·5	3·5	148	42	26	2	13	3	1	3	-	3	8	12	20		
R - - -	20·0	0·9	45	12	12	-	-	-	-	1	1	-	1	2	2		
AM - - -	23·6	2·2	43	8	13	-	-	-	-	1	1	2	-	2	5		
L - - -	25·1	4·9	254	64	40	9	2	2	-	18	8	10	11	14	52		
FER - - -	28·6	4·8	197	45	28	-	7	8	1	11	3	3	12	17	38		
- - -	27·0	2·6	73	19	12	1	2	-	-	2	2	-	1	1	2		
- - -	27·9	4·1	48	10	11	1	-	1	-	4	1	-	2	3	5		
O - - -	22·1	2·9	76	24	10	-	1	2	-	5	-	2	5	7	7		
- - -	17·5	2·5	100	21	20	-	6	-	-	4	2	2	8	9	7		
D - - -	19·4	2·2	105	22	15	-	3	-	-	5	2	2	3	4	13		
- - -	19·4	1·5	52	16	14	-	-	-	-	1	2	1	1	2	5		
AND - - -	24·1	3·3	51	11	12	-	-	3	-	1	1	2	2	7	5		
LE-ON-TYNE	18·3	2·2	50	15	8	-	-	1	-	2	-	3	1	1	8		
- - -	25·0	3·8	151	28	35	-	12	2	-	3	4	2	5	5	46		

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the TWENTY-FOURTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2162	2273	1784	1999	1908	2189	2207	2214	2321	2474	2153·1	2263
Males . .	1121	1175	949	1074	959	1103	1115	1105	1204	1255	1106·0	1134
Females .	1041	1098	835	925	949	1086	1092	1109	1117	1219	1047·1	1129
TOTAL Deaths	1094	1195	1236	1292	1349	1207	1090	1242	1321	1280	1230·6	1315
Males . .	596	645	648	680	733	617	581	644	667	653	646·9	650
Females .	498	550	588	612	616	590	509	598	654	622	583·7	665

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867–76 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Mar. 24.	Mar. 31.	Apr. 7.	Apr. 14.	Apr. 21.	Apr. 28.	May 5.	May 12.	May 19.	May 26.	June 2.	June 9.	June 16.
TOTAL Deaths - - -	1802	2052	1922	1714	1532	1557	1490	1613	1564	1392	1443	1429	1315
0—20 - - -	766	898	877	778	740	722	708	745	758	651	688	692	663
20—40 - - -	270	277	242	233	219	212	220	241	200	211	233	226	180
40—60 - - -	301	380	323	314	257	281	274	280	272	243	241	239	218
60—80 - - -	382	417	391	315	264	289	241	297	265	250	234	224	207
at 80 years & upwds.	83	80	89	74	52	53	47	50	69	37	47	48	47
Deaths of { Under 1 year -	385	420	380	378	356	345	334	325	341	293	304	282	287
children { 1—5 - - -	269	361	372	277	272	277	260	310	318	249	268	286	260
{ 5—20 - - -	112	117	125	123	112	100	114	110	99	109	116	124	116
Deaths from 7 principal Zymotic Diseases } - - -	201	243	253	208	223	213	189	245	246	220	236	220	218
„ „ Smallpox - - -	76	86	78	60	68	89	54	78	70	69	61	58	55
„ „ Measles - - -	32	53	50	58	41	47	44	45	59	56	69	65	61
„ „ Scarlet Fever - - -	17	27	16	18	25	14	16	24	20	21	28	19	14
„ „ Diphtheria - - -	3	8	4	5	6	3	2	4	4	3	8	6	7
„ „ Whooping-cough - - -	37	48	69	42	46	30	43	58	59	34	41	40	38
„ „ Typhus fever - - -	4	1	3	2	4	4	3	2	2	1	3	1	4
„ „ { Enteric (or Typhoid) fever - - -	18	10	19	8	17	11	13	12	6	16	11	11	9
{ Simple Cont'd fever - - -	3	3	5	2	5	3	5	2	4	7	2	4	3
„ „ Diarrhoea - - -	11	7	9	13	11	12	9	20	22	13	13	16	27
„ „ Simple Cholera - - -	-	-	1	-	-	-	-	-	-	-	-	-	-
„ „ Dis. of Respiratory Organs - - -	575	645	554	420	343	349	327	355	338	303	259	251	199
„ „ Phthisis - - -	201	224	208	199	162	167	192	208	149	155	174	174	163
„ „ Heart Diseases - - -	103	114	111	89	91	88	92	93	91	86	91	77	67
Violent Deaths - - -	51	60	54	59	65	51	46	53	48	36	58	59	76
Inquest Cases - - -	94	130	109	129	116	87	83	84	104	82	92	101	116
Deaths in Public Institutions	350	367	332	334	294	346	296	334	315	277	300	293	275
TEMPERATURE OF THE AIR:													
Mean - - - - -	37·7	46·4	47·8	46·9	42·5	44·7	41·3	49·2	51·1	49·1	53·7	60·4	62·2
Mean of Highest readings - - -	47·3	55·1	57·5	55·9	49·8	51·4	51·4	61·6	60·6	57·5	63·6	74·4	75·1
Mean of Lowest readings - - -	30·1	40·2	41·7	41·6	37·0	37·6	35·1	38·8	45·3	44·5	46·7	48·7	51·7
Mean Temperature of the Water of the Thames - - -	42·7	44·9	49·4	50·9	48·9	48·3	48·4	50·1	54·4	53·9	55·4	58·8	64·3
Humidity of the Air - - -	81	82	82	83	76	78	72	71	82	74	73	68	72
Rain-fall in inches - - -	0·56	0·91	0·85	1·73	0·35	0·08	0·20	0·24	0·80	0·23	0·28	0·07	0·41
Registered Sunshine (in hours)	26·7	24·8	20·4	9·4	14·1	26·6	21·2	52·7	19·5	13·5	44·0	70·3	68·9

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Pilliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

In the Week ending Saturday, June 16, 1877.										In the Week ending Saturday, June 16, 1877.									
Deaths of Persons of the Ages										Deaths of Persons of the Ages									
ALL AGES.										ALL AGES.									
Mean Tem.										Mean Tem.									
0-1.										0-1.									
1-5.										1-5.									
5-20.										5-20.									
20 and under 40.										20 and under 40.									
40 and under 60.										40 and under 60.									
60 and under 80.										60 and under 80.									
80 Years and upwards.										80 Years and upwards.									
CAUSES OF DEATH.										CAUSES OF DEATH.									
Mean Temperature										Mean Temperature									
9. Stricture of Intestines										9. Stricture of Intestines									
10. Fistula										10. Fistula									
11. Stomach Disease, &c.										11. Stomach Disease, &c.									
12. Pancreas Disease, &c.										12. Pancreas Disease, &c.									
13. Hepatitis										13. Hepatitis									
14. Jaundice										14. Jaundice									
15. Liver Disease, &c.										15. Liver Disease, &c.									
16. Spleen Disease, &c.										16. Spleen Disease, &c.									
ORDER 5.										ORDER 5.									
1. Nephritis										1. Nephritis									
2. Ischuria										2. Ischuria									
3. Bright's Dis. (Nephria)										3. Bright's Dis. (Nephria)									
4. Diabetes										4. Diabetes									
5. Calculus (Stone)										5. Calculus (Stone)									
6. Cystitis										6. Cystitis									
7. Kidney Disease, &c.										7. Kidney Disease, &c.									
ORDER 6.										ORDER 6.									
1. Ovarian Dropsy										1. Ovarian Dropsy									
2. Uterus Disease, &c.										2. Uterus Disease, &c.									
ORDER 7.										ORDER 7.									
1. Synovitis (Arthritis)										1. Synovitis (Arthritis)									
2. Joint Disease, &c.										2. Joint Disease, &c.									
ORDER 8.										ORDER 8.									
1. Phlegmon										1. Phlegmon									
2. Ulcer										2. Ulcer									
3. Skin Disease, &c.										3. Skin Disease, &c.									
IV. DEVELOPMENTAL DISEASES.										IV. DEVELOPMENTAL DISEASES.									
ORDER 1.										ORDER 1.									
1. Premature Birth										1. Premature Birth									
2. Cyanosis										2. Cyanosis									
3. Spina Bifida										3. Spina Bifida									
4. Other Malformations										4. Other Malformations									
5. Teething										5. Teething									
ORDER 2.										ORDER 2.									
1. Paramenia										1. Paramenia									
2. Childbirth (see Puer- peral Fever)										2. Childbirth (see Puer- peral Fever)									
ORDER 3.										ORDER 3.									
1. Old Age										1. Old Age									
ORDER 4.										ORDER 4.									
1. Atrophy and Debility										1. Atrophy and Debility									
V. VIOLENT DEATHS, &c.										V. VIOLENT DEATHS, &c.									
ORDER 1.										ORDER 1.									
(ACCIDENT OR NEGLIGENCE.)										(ACCIDENT OR NEGLIGENCE.)									
1. Fractures & Contusions										1. Fractures & Contusions									
2. Wounds { Gunshot - Cut, Stab }										2. Wounds { Gunshot - Cut, Stab }									
3. Burns and Scalds										3. Burns and Scalds									
4. Poison										4. Poison									
5. Drowning										5. Drowning									
6. Suffocation										6. Suffocation									
7. Otherwise										7. Otherwise									
ORDER 3.										ORDER 3.									
(HOMICIDE.)										(HOMICIDE.)									
1. Murder & Manslaughter										1. Murder & Manslaughter									
ORDER 4.										ORDER 4.									
(SUICIDE.)										(SUICIDE.)									
1. Wounds { Gunshot - Cut, Stab }										1. Wounds { Gunshot - Cut, Stab }									
2. Poison										2. Poison									
3. Drowning										3. Drowning									
4. Hanging										4. Hanging									
5. Otherwise										5. Otherwise									
ORDER 5.										ORDER 5.									
(EXECUTION.)										(EXECUTION.)									
1. Hanging										1. Hanging									
Violent Deaths (not classed)										Violent Deaths (not classed)									
Sudden Deaths (Cause unascertained)										Sudden Deaths (Cause unascertained)									
Causes not specified or ill-defined										Causes not specified or ill-defined									

△△3

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, TYPHUS, ENTERIC (OR TYPHOID) FEVER, SIMPLE CONTINUED FEVER, DIARRHŒA, AND VIOLENCE, during the Week ending

		The DEATHS registered in the Week include																
REGISTRATION SUB-DISTRICTS.		Enu- me- rated Popu- lation, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	Deaths of		Deaths from										Violence.	In- quest Cases.
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.			
LONDON - - -		3,254,260	2263	1315	287	254	55	61	14	7	38	4	9	3	27	76	11	
WEST DISTRICTS - - -		561,359	356	207	52	47	8	9	3	3	8	1	1	-	6	9	15	
NORTH DISTRICTS - - -		751,729	533	299	50	67	29	16	3	1	9	-	1	1	5	14	24	
CENTRAL DISTRICTS - - -		334,369	202	126	20	24	-	8	1	-	1	-	-	1	1	4	10	
EAST DISTRICTS - - -		639,111	474	287	75	45	4	19	1	1	13	2	2	1	5	26	43	
SOUTH DISTRICTS - - -		967,692	698	396	90	71	14	9	6	2	7	1	5	-	10	23	24	
WEST DISTRICTS.																		
St. Mary Paddington WH - - -		58728	54	35	6	5	1	1	-	-	-	-	-	-	1	2	1	
St. John Paddington H - - -		38085	16	7	1	2	-	-	-	-	-	-	-	-	-	2	1	
Kensington Town W - - -		91645	65	31	8	8	-	-	-	1	2	-	-	-	1	1	1	
Brompton H - - -		28654	16	9	4	2	-	-	-	-	1	-	-	-	-	-	-	
St. Peter Hammersmith - - -		6662	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
St. Paul Hammersmith H - - -		36029	33	10	1	3	-	-	1	-	1	-	-	-	-	1	-	
Fulham WwH - - -		23350	20	16	3	2	4	2	-	-	-	-	-	-	1	-	-	
Chelsea South HHH - - -		26420	21	12	7	3	-	1	-	1	1	-	-	-	-	1	2	
Chelsea North-west WHHHH - - -		22926	10	19	5	4	3	2	-	1	-	-	1	-	1	-	-	
Chelsea North-east - - -		21392	12	11	3	3	-	1	-	-	1	-	-	-	-	-	1	
Hanover Square H - - -		18698	9	4	1	1	-	-	-	-	-	-	-	-	-	-	1	
May Fair WW - - -		13358	6	7	3	1	-	-	-	-	-	-	-	-	-	-	1	
Belgrave HH - - -		57972	35	13	2	4	-	2	1	-	-	-	-	-	-	1	1	
St. John Westminster HH - - -		38478	14	6	3	-	-	-	1	-	1	-	-	-	1	-	-	
St. Margaret Westminster WH - - -		27781	13	12	3	4	-	-	-	-	1	-	-	-	1	1	1	
Golden Square WH - - -		12860	6	3	-	2	-	-	-	-	-	1	-	-	-	-	-	
Berwick-street H - - -		20759	8	2	1	1	-	-	-	-	-	-	-	-	-	-	-	
St. Anne Soho HHHHH - - -		17562	17	9	1	1	-	-	-	-	-	-	-	-	-	-	1	
NORTH DISTRICTS.																		
All Souls Marylebone HHHH - - -		28579	15	15	1	4	-	-	-	-	-	-	-	-	-	2	2	
Cavendish Square HH - - -		15425	4	2	-	-	-	-	-	-	1	-	-	-	-	-	-	
Rectory Marylebone WH - - -		26384	8	21	1	6	-	-	-	-	3	-	-	-	-	-	-	
St. Mary Marylebone HHH - - -		21786	19	6	1	-	-	-	-	1	-	-	-	-	-	1	2	
Christchurch Marylebone H - - -		33944	16	12	5	-	-	1	-	1	1	-	-	-	-	2	3	
St. John Marylebone H - - -		33136	15	9	1	2	-	-	-	-	-	-	-	-	1	-	-	
Hampstead WwHH - - -		32231	29	14	-	2	10	-	-	-	-	-	-	-	-	-	-	
Regent's Park Pancras - - -		38200	18	11	1	3	-	2	-	-	-	-	-	-	-	-	1	
Tottenham-court wHHH - - -		29370	17	25	4	6	1	1	-	-	-	-	-	-	-	1	1	
Gray's Inn Lane HHH - - -		29221	16	10	-	2	-	1	-	-	-	-	-	-	-	1	2	
Somers Town - - -		38533	27	9	1	4	-	-	-	-	-	-	-	-	-	2	2	
Camden Town WH - - -		17943	14	11	3	3	3	-	-	-	-	-	-	-	-	1	2	
Kentish Town w - - -		68198	53	22	6	7	-	1	1	-	1	-	-	-	1	1	1	
Islington West HHH - - -		97320	75	35	7	3	6	1	-	-	2	-	1	1	-	3	5	
Islington East WwvH - - -		115958	89	38	8	14	1	2	-	-	1	-	-	-	-	-	1	
Stoke Newington H - - -		9841	11	9	1	3	-	2	-	-	-	-	-	-	-	-	-	
Stamford Hill - - -		6598	5	2	-	-	-	-	1	-	-	-	-	-	-	-	-	
West Hackney - - -		28069	32	11	4	-	2	4	-	-	-	-	-	-	-	-	-	
Hackney WwvHL - - -		50104	43	26	4	6	5	1	-	-	-	-	-	-	2	-	-	
South Hackney - - -		30339	27	11	2	2	1	-	-	-	-	-	-	-	1	1	1	
CENTRAL DISTRICTS.																		
St. George Bloomsbury - - -		17853	9	3	1	2	-	-	-	-	-	-	-	-	-	-	-	
St. Giles South WH - - -		19109	31	8	3	5	-	-	-	-	-	-	-	-	-	-	1	
St. Giles North - - -		16594	15	6	2	1	-	-	-	-	-	-	-	-	1	-	-	
Long Acre - - -		11379	7	6	1	-	-	2	-	-	-	-	-	-	-	-	1	
Charing Cross HH - - -		9859	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Mary-le-Strand - - -		9378	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Clement Danes H - - -		10723	6	8	1	2	-	1	-	-	-	-	-	-	-	-	-	
St. George-the-Martyr HHHHH - - -		20521	9	9	-	1	-	1	-	-	-	-	-	-	-	-	1	
St. Andrew Eastern W - - -		13529	5	7	1	2	-	-	-	-	1	-	-	-	-	-	1	
Saffron Hill H - - -		9066	6	6	-	2	-	1	-	-	-	-	-	-	-	-	-	
St. James Clerkenwell W - - -		18917	8	9	5	1	-	1	-	-	-	-	-	-	-	-	1	
Amwell Clerkenwell - - -		16884	14	6	1	1	-	-	-	-	-	-	-	-	-	-	1	
Pentonville - - -		13337	10	4	1	2	-	-	-	-	-	-	-	-	-	1	1	
Goswell-street - - -		16242	11	8	1	2	-	-	-	-	-	-	-	-	-	-	1	
Old-street H - - -		12161	8	3	2	-	-	-	-	-	-	-	-	-	-	-	1	
City-road HHL - - -		18301	18	7	-	-	-	2	-	-	-	-	-	-	-	-	1	
Whitecross-street - - -		13792	6	5	1	1	-	-	-	-	-	-	-	1	-	-	1	
Finsbury - - -		10741	4	1	-	-	-	-	-	-	-	-	-	-	-	1	1	
St. Botolph East London H - - -		14540	11	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cripple-gate - - -		13638	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Sepulchre H - - -		7562	6	12	-	-	-	-	-	-	-	-	-	-	-	1	1	
St. Bride W - - -		11185	3	3	-	-	-	-	1	-	-	-	-	-	-	-	-	
Castle Baynard - - -		4426	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
Christchurch - - -		6270	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Queenhithe - - -		4753	3	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
Allhallows Barking - - -		5764	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Broad-street H - - -		7845	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see at the foot of next page.

PTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
6th June 1877.

The DEATHS registered in the Week include																	
REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhea.	Violence.		
CITY DISTRICTS.																	
Bedditch - - -	12430	4	5	1	2	-	1	-	-	-	-	-	-	-	-	-	-
Bedditch HL† - -	16545	9	5	1	-	-	2	-	-	-	-	-	-	-	-	-	2
St. Mary's Town W -	27895	27	6	-	1	-	1	-	-	-	-	-	-	-	-	1	-
St. Mary's Town -	26933	15	9	2	2	-	-	-	-	-	-	-	-	-	-	1	-
St. Mary's West W -	24162	15	14	5	2	-	-	-	-	1	-	1	-	-	-	2	3
St. Mary's East H -	19259	16	11	3	1	-	1	-	-	-	-	-	-	-	2	2	-
St. Mary's - - -	29822	23	10	5	1	-	1	-	-	1	-	-	-	-	2	3	-
St. Mary's Green WHL†	42433	35	21	7	8	-	-	-	-	2	-	-	-	-	-	3	5
St. Mary's Green -	26577	25	6	4	-	-	1	-	-	-	-	-	-	-	-	1	-
St. Mary's Green -	21272	16	8	3	1	-	1	-	-	1	-	-	-	-	2	2	-
St. Mary's H - - -	22499	9	13	4	3	-	3	-	-	1	-	-	-	-	-	1	-
St. Mary's Town W -	15550	5	16	3	4	-	1	-	2	-	-	-	-	1	-	2	5
St. Mary's North -	11597	6	6	4	-	-	2	-	-	-	-	-	-	1	-	-	-
St. Mary's Church H -	7322	5	15	2	3	-	1	-	-	-	-	-	-	-	4	5	13
St. Mary's Fields -	10381	9	6	4	-	-	1	-	-	-	-	-	-	1	-	-	-
St. Mary's - - -	9224	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. George East - -	17900	13	9	4	1	-	-	-	-	1	1	-	-	1	-	-	-
St. George East -	21350	16	6	2	1	-	1	-	1	-	-	-	-	-	-	-	-
St. George East W -	8802	2	7	1	-	-	-	-	-	-	-	-	-	-	-	-	4
St. George - - -	11640	6	6	-	-	-	-	-	-	-	-	-	-	-	1	2	4
St. George - - -	16131	10	5	-	2	-	-	-	-	-	-	1	-	-	1	1	-
St. George - - -	29919	23	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary's Town Western -	38128	31	11	4	2	-	-	-	-	1	-	-	-	-	-	1	-
St. Mary's Town Eastern W & H -	65024	42	21	3	4	-	1	-	-	1	1	-	1	-	3	3	1
St. Mary's - - -	67765	68	40	5	7	-	1	1	1	-	1	-	-	1	5	7	15
St. Mary's - - -	48611	40	21	5	-	-	-	-	-	-	3	-	-	-	4	5	-
ST. MARY'S DISTRICTS.																	
St. Mary's Southwark WH	14573	7	5	-	-	-	1	-	-	-	-	-	-	-	1	1	1
St. Mary's Southwark H -	15677	10	5	1	-	-	-	-	-	-	-	-	-	-	1	1	-
St. Mary's - - -	20421	9	5	1	1	-	1	-	-	-	-	-	-	-	-	-	-
St. Mary's WH - - -	16695	14	7	2	1	-	1	1	-	-	-	-	-	-	1	-	2
St. Mary's HL - - -	18961	14	6	1	1	-	-	1	-	-	-	-	-	-	-	-	1
St. Mary's - - -	23682	11	7	-	1	-	1	-	-	-	-	-	-	-	-	-	-
St. Mary's - - -	48248	27	28	11	4	-	-	-	-	2	-	-	-	-	-	-	9
St. Mary's - - -	16792	19	12	3	1	-	-	2	-	1	-	-	-	-	-	-	-
St. Mary's - - -	4373	-	14	-	-	-	1	-	1	-	-	-	-	-	3	3	13
St. Mary's - - -	10500	8	5	1	-	-	-	-	-	-	-	-	-	-	2	2	1
St. Mary's - - -	16787	9	6	1	1	-	-	1	-	-	-	-	-	-	-	-	-
St. Mary's - - -	15709	13	8	-	2	-	-	-	-	-	-	1	-	-	1	1	-
St. Mary's - - -	47933	38	15	7	1	1	1	-	-	1	-	-	-	-	-	-	-
St. Mary's - - -	27096	15	9	-	2	1	-	-	-	-	-	-	-	-	3	3	2
St. Mary's - - -	14074	12	8	4	-	-	3	-	-	-	-	-	-	1	1	-	-
St. Mary's - - -	18465	12	9	2	-	-	-	-	-	-	-	-	-	-	2	1	2
St. Mary's - - -	19492	14	12	5	1	1	-	-	-	-	1	-	-	-	1	1	5
St. Mary's - - -	35833	23	18	3	5	-	1	-	-	-	-	1	-	2	-	-	8
St. Mary's - - -	41286	22	17	3	6	-	-	1	-	-	-	-	-	-	-	-	-
St. Mary's - - -	31221	21	6	1	1	1	-	-	-	-	-	-	-	-	-	-	-
St. Mary's - - -	35435	31	14	4	1	3	-	-	1	-	-	-	-	1	-	1	3
St. Mary's - - -	12536	7	4	1	-	-	-	-	-	-	-	-	-	1	-	-	1
St. Mary's - - -	27347	22	7	3	-	-	-	-	-	-	-	1	-	-	-	-	-
St. Mary's - - -	54016	47	31	8	7	1	-	-	-	-	-	-	-	-	1	2	2
St. Mary's - - -	19783	14	8	-	3	-	-	-	-	-	-	1	-	-	-	-	5
St. Mary's - - -	9439	6	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary's - - -	14475	12	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary's - - -	4041	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary's - - -	31254	23	18	3	7	-	-	-	-	-	-	1	-	1	2	3	7
St. Mary's - - -	42160	43	17	5	5	-	-	-	-	-	-	-	-	1	1	1	-
St. Mary's - - -	33851	26	10	1	4	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary's - - -	53714	43	25	7	6	4	-	-	-	-	-	-	-	-	1	1	3
St. Mary's - - -	6474	6	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary's - - -	21034	14	6	1	1	-	-	-	-	2	-	-	-	-	1	1	-
St. Mary's - - -	19378	16	9	2	3	1	-	-	-	1	-	-	-	-	1	1	3
St. Mary's - - -	4539	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary's - - -	16440	10	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary's - - -	11513	13	6	1	2	-	-	-	-	-	-	-	-	-	-	-	3
St. Mary's - - -	19065	10	4	1	-	-	-	-	-	-	-	-	-	1	-	-	-
St. Mary's - - -	9584	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary's - - -	17226	17	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary's - - -	18331	12	4	1	-	-	-	-	-	-	-	-	-	-	1	1	-
St. Mary's - - -	13027	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary's - - -	15232	12	8	2	3	-	-	-	-	-	-	-	-	-	-	-	4

WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the

to:-

London Sick Asylum in Tottenham-court sub-district.

Kentish Town sub-district.

St. Mary's Workhouse in Islington East sub-district.

St. Mary's

St. Mary's Workhouse "Hackney" sub-district.

St. Mary's "Hoxton New Town" sub-district.

St. Mary's "Mile End Old Town Eastern" sub-district.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.

Stepney "Bow" sub-district.

Poplar & Stepney Sick Asylum

Westminster Union Industrial School in "Battersea" sub-district.

Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-

ney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 16th June 1877.

The DEATHS registered in the Week include																		
Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Ename- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.	
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
	LONDON—OUTER RING	368,414	631,381	475	226	44	56	3	6	2	1	4	2	1	9	14	37	
29 : 1	Carshalton W - - -	12228	13523	8	9	1	1	-	-	-	-	-	1	-	-	-	-	6
2	Epsom (part of) * WH -	9971	9145	4	2	1	1	-	-	-	-	-	-	-	-	-	-	-
36 : 1	Godstone (part of) * - -	2754	900	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon WWH - - -	20851	71319	42	38	10	8	-	2	-	-	1	-	-	-	1	2	4
2	Mitcham WH - - -	11697	12534	10	4	1	1	-	1	-	-	-	-	-	-	-	1	1
38 : 1	Wimbledon HH - - -	3220	9087	8	3	1	1	-	-	-	-	-	-	-	-	-	-	-
2	Kingston WH - - -	8549	27489	12	13	1	6	-	-	-	-	1	1	-	-	-	-	-
3	Esher (part of) * - - -	6601	7353	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Hampton - - -	4573	10185	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-
39 : 1	Richmond WH - - -	2271	16829	8	7	1	2	-	-	1	-	-	-	-	-	2	2	1
2	Mortlake - - -	2961	9816	8	2	1	1	-	-	-	-	-	-	-	-	-	-	-
40 : 1	Bromley (part of) * HH -	15669	19509	21	4	2	1	-	-	-	-	-	-	-	-	-	-	-
2	Chislehurst (part of) * W -	13665	10023	10	4	-	1	-	-	-	-	-	-	-	-	-	-	-
41 : 1	Bexley H - - -	13439	19566	12	5	2	-	-	1	-	-	-	-	-	-	-	-	-
123 : 1	Sunbury W - - -	11055	9860	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
2	Staines W - - -	13277	10339	19	4	-	1	-	-	-	-	-	-	-	-	-	-	-
124 : 1	Hillingdon WH - - -	6029	9712	5	4	-	1	-	-	-	-	-	-	-	-	-	-	-
2	Uxbridge - - -	6178	5329	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes WL - - -	14587	10497	2	7	-	2	-	-	-	-	-	-	-	-	-	1	8
125 : 1	Isleworth W - - -	7008	19930	11	2	-	1	-	-	-	-	-	-	-	-	1	1	-
2	Twickenham - - -	2477	10533	5	4	-	2	-	-	-	-	-	-	-	-	-	-	-
3	Brentford HL - - -	4370	20279	16	7	-	3	-	-	-	-	1	-	-	-	-	-	-
4	Chiswick - - -	1311	8508	6	2	1	-	-	-	-	-	-	-	1	-	-	-	-
5	Acton WH - - -	6087	12683	9	6	3	-	-	1	-	-	-	-	-	-	-	-	-
126 : 1	Harrow H - - -	13809	10869	6	4	-	2	-	-	-	-	-	-	-	-	-	-	-
2	Edgware - - -	6994	3450	2	3	-	2	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - -	4383	15869	11	4	3	-	-	-	-	-	-	-	-	-	-	-	-
4	Hendon WH - - -	8382	6972	3	5	-	-	-	-	-	-	-	-	-	-	-	-	-
127 : 1	South Mimms - - -	15419	5924	12	2	-	1	-	-	-	-	-	-	-	-	-	-	-
2	Barnet W - - -	5423	7752	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-
3	Finchley L - - -	4688	11493	6	8	-	3	-	-	-	-	-	-	-	-	1	2	-
128 : 1	Hornsey H - - -	3039	19357	14	4	2	1	-	1	-	-	-	-	-	-	-	-	-
2	Tottenham H - - -	4642	22869	17	8	-	3	1	-	-	1	-	-	-	-	-	-	-
3	Edmonton WW - - -	7483	13860	8	8	-	5	-	-	-	-	-	-	-	-	-	-	-
4	Enfield WH - - -	12653	16054	28	4	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - -	8493	7518	4	4	2	2	-	-	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (part of) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - -	9028	6472	7	1	-	1	-	-	-	-	-	-	-	-	1	1	-
185 : 1	Stratford - - -	882	23286	22	8	2	-	1	-	-	-	-	-	-	-	-	-	-
2	West Ham WWWW - - -	7345	44642	53	17	4	1	1	-	1	-	1	-	-	-	1	1	-
3	Leyton WW - - -	4274	15513	11	3	1	-	-	-	-	-	-	-	-	-	-	-	-
4	Walthamstow H - - -	6619	15701	15	4	1	1	-	-	-	-	-	-	-	-	-	1	-
186 : 1	Chigwell (part of) * H -	10483	8169	4	3	1	-	-	-	-	-	-	-	-	-	1	1	-
188 : 1	Romford (part of) * - -	6730	2879	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - -	8492	5947	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	8	3	-	-	-	-	-	-	-	-	-	-	1	1	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906) ; 36 : 1, the two parishes of Waringham and Farley in Godstone sub-district ; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815) ; 40 : 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744) ; 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chislehurst (pop. 186) ; 134 : 1, only the parish of Northaw in Hatfield sub-district ; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thorndon (pop. 798) ; 188 : 1, only the parish of Dagenham in Romford sub-district.

8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 16th June, 1877.

THE METROPOLITAN DISTRICT.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from									Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.		
LONDON	446,494	4,367,547	18·4	2·8	1541	331	310	58	67	16	8	42	18	28	85	312	
LONDON -	78,080	3,533,484	19·4	3·2	1315	287	254	55	61	14	7	38	16	27	76	275	
INNER RING -	368,414	834,063	14·1	1·2	226	44	56	3	6	2	1	4	2	1	9	37	

The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 6·4 square miles, which is equivalent to the area of a circle having a radius of 1·4902 miles. The Outer Ring has an area of 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 18 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles on the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 28 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS. Stillborn.	ANNUAL DEATH- RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
COLCUTTA -	429,535	May 12	-	217	26·3	Fever 55; cholera 28; small-pox 2.
BOMBAY -	644,405	„ 15	-	781	63·0	Small-pox 25; remittent fever 351; cholera 53.
MADRAS -	397,552	„ 11	204	915	119·6	Small-pox 208; cholera 224; fevers 122.
PARIS -	1,988,806	June 14	-	985	25·8	Small-pox 2; typhoid fever 10; measles 20.
GENEVA* -	67,829	„ 9	-	-	-	-
BRUSSELS -	188,609	„ 9	102	88	24·2	Small-pox 4; diphtheria and croup 2.
AMSTERDAM -	289,981	„ 9	193	143	25·1	Measles 11; croup 2.
ROTTERDAM -	136,231	„ 9	108	75	28·5	Croup 2.
THE HAGUE -	104,095	„ 9	82	45	22·5	—
COPENHAGEN -	215,000	„ 12	141	93	22·6	Typhoid fever 2.
STOCKHOLM -	146,845	„ 2	-	105	37·1	Scarlet fever 10.
CHRISTIANIA -	79,000	„ 9	65	32	21·1	Diphtheria and croup 1.
BERLIN -	997,269	May 26	747	548	28·4	Scarlet fever 15; diphtheria 22.
HAMBURG (State) -	393,588	„ 26	311	228	30·2	Diphtheria and croup 4; measles 7.
DRESDEN -	202,295	June 2	132	90	23·1	Scarlet fever 5; diphtheria and croup 3.
BRISLAU -	246,813	„ 9	185	157	31·8	—
MUNICH -	209,000	„ 9	147	168	42·0	Typhus 4; diphtheria and croup 3.
VIENNA -	714,548	„ 9	518	380	27·7	Small-pox 11; scarlet fever 11; diphtheria 7.
UDA-PESTH -	315,401	„ 2	-	-	-	-
ROME -	278,099	May 26	102	114	21·3	Small-pox 1; diphtheria and croup 6.
NAPLES -	454,948	„ 27	-	246	28·1	Diphtheria 4; typhus 5.
VRIN -	223,488	June 2	-	-	-	-
NICE -	139,796	„ 2	-	-	-	-
ALEXANDRIA -	212,034	„ 2	148	166	40·8	Small-pox 6; whooping-cough 13.
NEW YORK -	1,077,228	May 19	-	480	22·8	Scarlet fever 19; diphtheria 18.
BROOKLYN -	527,830	„ 19	-	214	21·1	Scarlet fever 24; diphtheria 14.
PHILADELPHIA -	850,856	„ 26	-	335	20·5	Sc. fev. 7; typhd. fev. 8; diphth. 19; sm.-pox 2.
BOSTON -	363,000	„ 19	-	135	19·3	Small-pox 1; scarlet fever 2; diphtheria 6.

* With suburbs, including Genf, Plain-palais, and Eaux-Vives.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 16th JUNE, 1877.
[Under the Superintendence of the Astronomer Royal.]

MOON.		BARO-METER.		READINGS OF THERMOMETERS.							DIFFERENCE				WIND.				RAIN.						
				Dry.		Dew Point.		Highest in the sun, as shown by self-registering thermometer with blackened bulb in vacuo, placed on the Grass.			Lowest on the Grass, as shown by self-registering Thermometers.		Between Dew Point Temperature and Air Temperature.		Degree of Humidity, complete Saturation being represented by 100.		As deduced from Anemometers.			Collected in a Gauge whose surface is 5 in. above the ground.					
Phases of Moon.		Mean daily reading (corrected and reduced to 32 deg. Fahrenheit.)	High-est.	Low-est.	Range in day.	Mean daily value.	Mean daily value.	Minimum Thermometer.	Highest.	Lowest.	Mean daily value.	Great-est.	Least.	General Direction.	A. M.	P. M.	Great-est.	Least.	Mean of 24 Obs.		Amount of Horizontal Movement of Air each day.	Robinson's.			
1877.																									
MONTH AND DAY.																									
JUNE.																									
SUN.	10	29.935	80.2	53.3	26.9	64.7	53.1	134.0	63.3	60.3	11.6	22.6	2.4	6.6	66	SW. & WSW.	SW.	0.3	0.0	0.0	225	— 35	11.0		
MON.	11	29.882	83.7	51.5	32.2	66.3	55.6	129.4	64.3	61.5	10.7	26.7	0.4	8.0	69	SW. NE. & SE.	SSW. E. & ENE.	0.5	0.0	0.0	139	— 126	8.9		
TUES.	12	29.699	76.9	57.1	19.8	66.1	61.3	132.5	65.8	62.5	4.8	12.2	0.9	7.6	85	ENE. & ESE.	ENE. & ESE.	0.0	0.0	0.0	168	— 103	12.6		
WED.	13	29.852	66.4	51.0	15.4	56.3	51.8	113.5	66.3	63.3	4.5	12.4	2.0	2.4	85	NE. & ENE.	E.	1.1	0.0	0.0	284	+ 12	16.7		
THURS.	14	29.942	68.8	49.1	19.7	58.0	48.2	129.2	67.3	63.8	9.8	19.1	1.7	0.9	70	ENE. & E.	E.	2.9	0.0	0.4	321	+ 51	11.3		
FRI.	15	29.997	73.7	51.9	21.8	61.9	50.3	134.7	67.3	63.8	11.6	20.7	1.8	2.9	66	ENE.	E. & ENE.	3.2	0.0	0.5	333	+ 72	13.0		
SAT.	16	29.956	76.2	48.0	28.2	62.4	50.2	137.6	66.5	63.8	12.2	19.7	0.6	3.3	65	NE & ENE.	E. & ENE.	6.2	0.0	0.5	296	+ 38	8.7		
MEANS .		29.895	75.1	51.7	23.4	62.2	52.9	130.1	65.8	62.7	9.3	19.1	1.4	3.6	72	E. & ENE.		..	..	..	Sum 1766	— 91	11.7
No. of Col.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending December 31, 1845.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873. * In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and — "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight. The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police. The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day, from 29.94 in. at the beginning of the week to 29.95 in. at the end of the week, and the number in column 30, derived from the same source, shows the number of hours of bright sunshine on each day, from 29.94 in. at the beginning of the week to 29.95 in. at the end of the week.

SKY AND ATMOSPHERE.			
SUNDAY	10	13.2	16.5
MONDAY	11	13.1	16.5
TUESDAY	12	4.6	16.5
WEDNESDAY	13	3.4	16.5
THURSDAY	14	11.8	16.5
FRIDAY	15	10.9	16.5
SATURDAY	16	11.9	16.5
Sum		63.9	115.5

Cloudless. A very fine day.

Hazy and misty in morning; fine and cloudless till afternoon; cloudy from evening. Thunderstorm at night.

Heavy rain with lightning in morning; cloudy but fine afterwards.

Overcast till afternoon; partially cloudy till evening; cloudless at night.

A very fine day. The amount of cloud was small.

A very fine day. Generally cloudless.

A very fine day. Generally cloudless.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 25. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, JUNE 23. [Price 1½d.

*General Register Office, Somerset House,
June 25th, 1877.*

UNITED KINGDOM.

DURING last week 5428 *births* and 3228 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2200. The mortality from all causes was at the average rate of 21 deaths annually in every 1000 persons living. The annual death-rate was 22 per 1000 in Edinburgh, 21 in Glasgow, and 25 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Portsmouth 13, Hull 16, Brighton 17, Newcastle-upon-Tyne 17, Plymouth 17, Norwich 18, London 19, Leicester 19, Leeds 20, Bristol 21, Sheffield 21, Bradford 21, Sunderland 22, Nottingham 22, Wolverhampton 22, Manchester 25, Liverpool 25, Birmingham 25, Oldham 28, and Salford 30. Scarlet-fever showed fatal prevalence in Wolverhampton, and fever in Salford. The 55 deaths from small-pox in the twenty towns included 44 in London, 6 in Liverpool, 2 in Manchester and Salford (exclusive of 2 principal fatal cases in the Monsall Hospital), and 3 in Oldham.

LONDON.

In LONDON 2270 BIRTHS and 1271 DEATHS were registered. Allowing for increase of population, the births were 11, and the deaths 76, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the three previous weeks had been equal to 21·3, 21·1, and 19·4 per 1000, further declined last week to 18·8, a lower rate than has prevailed in any week since October last.

The 1271 deaths included 44 from small-pox, 42 from measles, 14 from scarlet fever, 7 from diphtheria, 35 from whooping-cough, 22 from different forms of fever, and 46 from diarrhoea; thus to the seven principal diseases of the zymotic class 210 deaths were referred, against 236, 220, and 218 in the three preceding weeks. The 42 deaths from measles showed a considerable decline from the numbers in recent weeks, but included no less than 21 in East London, of which 6 occurred in Shoreditch, 7 in Bethnal Green, and 6 in Whitechapel. Of the 14 fatal cases of scarlet fever, 3 were returned in Bow, 2 in Islington, 2 in Lambeth, and 2 in Hackney. The 35 deaths from whooping-cough showed a further decline from recent weekly numbers; 16 occurred in South London, including 4 in Walworth. Five deaths from diphtheria were returned in Islington. The 46 fatal cases of diarrhoea, including 24 of infants under one year of age and 15 of children aged between one and five years, considerably exceeded the numbers in recent weeks, but were slightly below the corrected average weekly number. The death of an infant was certified from choleraic diarrhoea, and of a female aged 59 years in Vestrian Road (Paddington), from "simple cholera." To fever, 22 deaths were referred, showing an increase upon recent weekly numbers; 5 were certified as typhus, 12 as enteric or typhoid, and 5 as simple continued fever. The 5 fatal cases of typhus were recorded in the Westminster Workhouse, in Adam and Eve Court (Finsbury), Old Ford Road (Bethnal Green), and 2 in the Stockwell Fever Hospital, to which the cases were admitted from Northampton Place (Clerkenwell), and Mercer Street, Long Acre.

The fatal cases of small-pox, which in the six preceding weeks had slowly but steadily declined from 78 to 55, further decreased to 44 (a lower number than in any week since the beginning of November last), of which 19 were certified as unvaccinated, and 13 as vaccinated; in the remaining 12 cases the medical certificates did not contain any information relating to vaccination. The 44 included 2 which were recorded in the Metropolitan Asylum Hospitals, 2 in the

Highgate Small Pox Hospital, and one in the Pancras Small-pox Hospital; the other 15 fatal cases occurred in private dwellings, including 2 in Mile End, 2 in Walworth, and 2 in Kennington. After distributing the 29 fatal hospital cases, it appears that 5 of the deceased small-pox patients had resided in Lambeth, 5 in Southwark, and 4 in Pancras; 19 belonged to the South group of districts. The 44 deaths from small-pox included 13 of children under five years of age, each of whom were certified to have been unvaccinated.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which had steadily declined from 964 to 796 during the four preceding weeks, had further declined to 726 last Saturday; and the admissions of new cases during the week were but 93, against numbers declining from 254 to 145 in the five previous weeks. The Highgate Small-pox Hospital contained 49 patients on Saturday last.

The deaths referred to diseases of the respiratory organs were but 166 last week, and were 18 below the corrected weekly average.

A horse-keeper, aged 26, died from farcy on the 16th instant in St. George's Hospital.

Different forms of violence caused 62 deaths; 54 were the result of negligence or accident, including 23 from fractures and contusions, 4 from burns and scalds, 10 from drowning, 3 from poison, and 9 of infants under one year of age from suffocation. The 23 deaths from fractures and contusions were thus caused: three males aged 37, 42, and 67, fell from carts; female 8, run over by a cart; male 28, and male 13, run over by cabs; male 54, fell from, and female 2, run over by a wagon; male 8, and female 4, run over by vans; female 8, crushed by a tram-car; male 44, run over on railway; two males, 23 and 68, fell from window; male 12, by fall of roof; male 43, fell from loft; male 20, fell from building; male 26, fell down a coke-hole at gas-works; male 65, from falls in Surrey County Asylum; male 43, fracture of ribs in Surrey County Asylum; male 5, by blow from overturned barrow; female 83, and male 7 months, from fractures (causes of fractures not stated). An inquest was held in 21 of the 23 cases; the two others being certified by registered medical practitioners, but the cause of the violence was not mentioned. A child aged 3 years was poisoned by drinking brandy.

In the large Public Institutions 272 deaths were recorded, or 21 per cent. of the total deaths; of these, 169 occurred in Workhouse Establishments, 99 in Hospitals, and 4 in Lunatic Asylums. Seventeen new cases of scarlet fever were admitted to the London Fever Hospital during the week.

GREATER LONDON.

In Greater London 2735 births and 1498 deaths were registered, equal to annual rates of 32·7 and 17·9 per 1000 of the population. In the Outer Ring, a fatal case of small-pox was registered at South Norwood, two of whooping-cough in Kingston, and two of fever, both in West Ham and in Enfield sub-districts.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 26, Bombay 61; Paris 25; Geneva 31; Brussels 24; Amsterdam 27, Rotterdam 32, The Hague 24; Copenhagen 24; Stockholm 35; Christiania 33; Berlin 30, Hamburg 28, Dresden 24; Breslau 37, Munich 43; Vienna 29, Buda-Pesth 40; Rome 22, Naples 26, Turin 27, Venice 23; Alexandria 45; New York 24, Brooklyn 18, Philadelphia 17, and Boston 19.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·76 in.; the highest reading was 29·94 in. on Tuesday morning, and the lowest 29·39 in. on Friday. The mean temperature of the *air* was 63°·3, and 3°·4 above the average in the corresponding week of the 60 years 1814-73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed a considerable excess on each of the days of the week except Saturday; on Tuesday the mean was 67°·6, and 7°·9 above the average, whereas on Saturday it fell to 54°·4, and was in defect by 6°·3. The lowest night temperature was 46°·0 on Saturday, and the highest day temperature in the shade 84°·4 on Tuesday; the extreme range in the week was, therefore, 38°·4. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 144°·5 on Monday. The difference between the mean *dew-point* and *air* temperature averaged 12°·9. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 67°·3. The air was very dry; the mean degree of *humidity* of the air was 63, complete saturation being represented by 100. The general direction of the *wind* was easterly, and the horizontal movement of the air averaged 10·1 miles per hour, which was 0·5 above the average in the corresponding week of 16 years. *Rain* fell on Saturday, but only to the amount of 0·01 of an inch. The duration of registered sunshine in the week was 67·0 hours, out of the 116·2 hours that the sun was above the horizon.

1. BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday the 23rd June 1877.

TOWNS AND DISTRICTS.	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 23rd June 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
WYNDHAM in the } KINGDOM }	212,881	8,144,940	38·3	5428	3228	88·0	38·8	61·0	16·11	0·33	0·84
WYNDHAM - - -	75,362	3,533,484	46·9	2270	1271	84·4	46·0	63·3	17·39	0·01	0·03
WYNDHAM - - -	2,354	102,264	43·4	48	33	78·4	55·0	62·8	17·12	0·15	0·38
WYNDHAM - - -	4,486	127,144	28·3	86	32	73·0	54·0	62·0	16·67	0·18	0·46
WYNDHAM - - -	7,472	84,023	11·2	48	29	79·2	51·0	61·4	16·33	0·47	1·19
WYNDHAM - - -	1,395	72,911	52·3	44	24	75·0	53·5	62·5	16·95	0·28	0·71
WYNDHAM - - -	4,452	202,950	45·6	141	81	84·0	49·2	63·6	17·56	0·34	0·86
WYNDHAMPTON -	3,396	73,389	21·6	54	31	80·5	46·2	61·7	16·50	0·34	0·86
WYNDHAM - - -	8,400	377,436	44·9	267	183	-	-	-	-	-	-
WYNDHAM - - -	3,200	117,461	36·7	82	43	81·8	46·8	61·0	16·11	0·48	1·22
WYNDHAM - - -	1,996	95,025	47·6	66	40	80·4	46·8	61·6	16·45	0·67	1·70
WYNDHAM - - -	5,210	527,083	101·2	382	253	79·0	48·5	61·9	16·61	0·32	0·81
WYNDHAM - - -	4,293	359,213	83·7	223	169	88·0	47·0	63·9	17·72	0·56	1·42
WYNDHAM - - -	5,170	141,184	27·3	100	82	82·7	44·5	61·4	16·33	0·18	0·46
WYNDHAM - - -	4,666	89,796	19·2	75	48	-	-	-	-	-	-
WYNDHAM - - -	7,226	179,315	24·8	102	73	80·0	46·6	61·5	16·39	0·10	0·25
WYNDHAM - - -	21,572	293,189	13·8	212	115	79·0	47·0	61·5	16·39	0·12	0·30
WYNDHAM - - -	19,651	282,130	14·4	194	114	80·0	43·0	60·2	15·67	0·29	0·74
WYNDHAM - - -	3,635	140,002	38·5	104	42	72·0	48·0	58·1	14·50	0·27	0·69
WYNDHAM - - -	3,306	110,382	33·4	72	46	73·0	47·0	56·8	13·78	0·49	1·24
WYNDHAM-ON-TYNE	5,371	142,231	26·5	106	46	-	-	-	-	-	-
WYNDHAM - - -	4,191	218,729	52·2	158	93	65·0	44·5	55·6	13·12	0·74	1·88
WYNDHAM - - -	6,033	555,933	92·1	438	223	76·0	45·0	59·1	15·06	0·28	0·71
WYNDHAM - - -	10,050	314,666	31·3	156	152	81·1	38·8	60·9	16·06	0·29	0·74

* Names of the Meteorological Observers in the several towns, see note at foot of Table 4.

† Figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by an increase of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population of Dublin is taken as stationary at the number enumerated in April 1871.

2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,055,612 persons, and in DUBLIN, during the Week ending Saturday the 23rd June 1877.

TOWNS, &c.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from										
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhea.	Violence.			
ENGLAND AND WALES, &c.																
TOWNS	20·4	3·1	2755	689	489	55	68	40	13	116	51	80	108	180	446	
" "	18·8	3·1	1271	306	234	44	42	14	7	35	22	46	62	94	272	
" "	16·8	2·0	33	8	10	-	-	1	-	2	1	-	-	-	3	
" "	13·1	2·5	32	7	10	-	-	-	-	3	3	-	-	2	4	
" "	18·0	1·9	29	7	8	-	-	1	1	-	-	1	1	2	1	
" "	17·2	0·7	24	6	7	-	-	-	-	-	1	-	1	3	1	
" "	20·8	4·1	81	29	14	-	1	1	-	9	2	3	4	4	8	
" "	22·0	5·0	31	8	5	-	-	6	-	1	-	-	1	1	4	
" "	25·3	4·7	183	51	21	-	11	1	1	16	-	5	8	17	30	
" "	19·1	0·0	43	14	7	-	-	-	-	-	-	-	1	6	4	
" "	22·0	0·6	40	8	11	-	-	-	-	-	1	-	-	2	5	
" "	25·0	5·1	253	76	26	6	1	3	2	18	8	13	10	11	30	
" "	24·6	2·8	169	32	30	1	5	2	-	5	2	4	5	13	33	
" "	30·3	7·0	82	20	9	1	4	2	-	4	5	3	-	-	7	
" "	27·9	2·3	48	7	13	3	-	1	-	-	-	-	2	2	1	
" "	21·2	1·5	73	21	11	-	-	-	1	4	-	-	3	6	4	
" "	20·1	2·3	115	31	22	-	3	4	-	5	1	-	4	9	7	
" "	21·1	2·8	114	26	18	-	1	-	-	11	2	1	2	2	13	
" "	15·7	1·1	42	12	9	-	-	1	-	1	-	1	2	2	6	
" "	21·7	3·8	46	9	11	-	-	3	-	-	3	2	1	3	5	
" "	16·9	1·5	46	11	13	-	-	-	1	2	-	1	1	1	8	
" "	25·2	4·3	152	26	31	1	14	-	-	2	6	3	3	2	34	

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the TWENTY-FIFTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2234	2025	2100	2073	1938	1997	2054	2228	2370	2296	2131·5	2270
Males . .	1142	1024	1080	1075	1008	1015	1080	1152	1251	1132	1095·9	1148
Females .	1092	1001	1020	998	930	982	974	1076	1119	1164	1035·6	1122
TOTAL Deaths	1052	1228	1381	1282	1296	1230	1191	1216	1413	1304	1259·3	1271
Males . .	531	656	698	681	662	633	653	649	760	686	660·9	672
Females .	521	572	683	601	634	597	538	567	653	618	598·4	599

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867-76, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Mar. 31.	Apr. 7.	Apr. 14.	Apr. 21.	Apr. 28.	May 5.	May 12.	May 19.	May 26.	June 2.	June 9.	June 16.	June 23.
TOTAL Deaths - - -	2052	1922	1714	1532	1557	1490	1613	1564	1392	1443	1429	1315	1271
0—20 - - -	898	877	778	740	722	708	745	758	651	688	692	663	632
20—40 - - -	277	242	233	219	212	220	241	200	211	233	226	180	188
40—60 - - -	380	323	314	257	281	274	280	272	243	241	239	218	217
60—80 - - -	417	391	315	264	289	241	297	265	250	234	224	207	199
at 80 years & upwds.	80	89	74	52	53	47	50	69	37	47	48	47	35
Deaths of children { Under 1 year -	420	380	378	356	345	334	325	341	293	304	282	287	306
{ 1—5 - - -	361	372	277	272	277	260	310	318	249	268	286	260	222
{ 5—20 - - -	117	125	123	112	100	114	110	99	109	116	124	116	104
Deaths from 7 principal Zymo- tic Diseases }	243	253	208	223	213	189	245	246	220	236	220	218	210
„ „ Small-pox - - -	86	78	60	68	89	54	78	70	69	61	58	55	44
„ „ Measles - - -	53	50	58	41	47	44	45	59	56	69	65	61	42
„ „ Scarlet fever - -	27	16	18	25	14	16	24	20	21	28	19	14	14
„ „ Diphtheria - - -	8	4	5	6	3	2	4	4	3	8	6	7	7
„ „ Whooping-cough -	48	69	42	46	30	43	58	59	34	41	40	38	35
„ „ Typhus fever - - -	1	3	2	4	4	3	2	2	1	3	1	4	5
„ „ Enteric (or Ty- phoid) fever - }	10	19	8	17	11	13	12	6	16	11	11	9	12
„ „ Simple Cont ^d fever -	3	5	2	5	3	5	2	4	7	2	4	3	5
„ „ Diarrhœa - - -	7	9	13	11	12	9	20	22	13	13	16	27	46
„ „ Simple Cholera - -	-	1	-	-	-	-	-	-	-	-	-	-	2
„ „ Dis. of Respira- tory Organs - }	645	554	420	343	349	327	355	338	303	259	251	199	166
„ „ Phthisis - - -	224	208	199	162	167	192	208	149	155	174	174	163	161
„ „ Heart Diseases - -	114	111	89	91	88	92	93	91	86	91	77	67	67
Violent Deaths - - -	60	54	59	65	51	46	53	48	36	58	59	76	62
Inquest Cases - - -	130	109	129	116	87	84	85	104	82	92	101	116	94
Deaths in Public Institutions	367	332	334	294	346	296	334	315	277	300	293	275	272
TEMPERATURE OF THE AIR:													
Mean - - - - -	46·4	47·8	46·9	42·5	44·7	41·3	49·2	51·1	49·1	53·7	60·4	62·2	63·3
Mean of Highest readings -	55·1	57·5	55·9	49·8	54·4	51·4	61·6	60·6	57·5	63·6	74·4	75·1	77·6
Mean of Lowest readings -	40·2	41·7	41·6	37·0	37·6	35·1	38·8	45·3	44·5	46·7	48·7	51·7	51·5
Mean Temperature of the Water of the Thames }	44·9	49·4	50·9	48·9	48·3	48·4	50·1	54·4	53·9	55·4	58·8	64·3	67·3
Humidity of the Air - - -	82	82	83	76	78	72	71	82	74	73	68	72	63
Rain-fall in inches - - -	0·91	0·85	1·73	0·35	0·08	0·20	0·24	0·80	0·23	0·28	0·07	0·41	0·01
Registered Sunshine (in hours)	24·8	20·4	9·4	14·1	26·6	21·2	52·7	19·5	13·5	44·0	70·3	68·9	67·0

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-FIFTH Week of the Year 1877.

In the Week ending Saturday, June 23, 1877.										In the Week ending Saturday, June 23, 1877.																							
Deaths of Persons of the Ages										Deaths of Persons of the Ages																							
ALL AGES.		Under 20.			20 and under 40.		40 and under 60.		60 and under 80.		80 Years and upwards.		ALL AGES.		Under 20.			20 and under 40.		40 and under 60.		60 and under 80.		80 Years and upwards.									
Mean Tem. 63°·3		0-1.		1-5.		5-20.		20 and under 40.		40 and under 60.		60 and under 80.		Mean Tem. 63°·3		0-1.		1-5.		5-20.		20 and under 40.		40 and under 60.		60 and under 80.		80 Years and upwards.					
60°·0		63°·3		0-1.		1-5.		5-20.		20 and under 40.		40 and under 60.		60 and under 80.		60°·0		63°·3		0-1.		1-5.		5-20.		20 and under 40.		40 and under 60.		60 and under 80.		80 Years and upwards.	
CAUSES										CAUSES																							
Mean Temperature -										Mean Temperature -																							
9. Stricture of Intestines										9. Stricture of Intestines																							
10. Fistula										10. Fistula																							
11. Stomach Disease, &c.										11. Stomach Disease, &c.																							
12. Pancreas Disease, &c.										12. Pancreas Disease, &c.																							
13. Hepatitis										13. Hepatitis																							
14. Jaundice										14. Jaundice																							
15. Liver Disease, &c.										15. Liver Disease, &c.																							
16. Spleen Disease, &c.										16. Spleen Disease, &c.																							
ORDER 5.										ORDER 5.																							
1. Nephritis										1. Nephritis																							
2. Ischuria										2. Ischuria																							
3. Bright's Dis. (Nephria)										3. Bright's Dis. (Nephria)																							
4. Diabetes										4. Diabetes																							
5. Calculus (Stone)										5. Calculus (Stone)																							
6. Cystitis										6. Cystitis																							
7. Kidney Disease, &c.										7. Kidney Disease, &c.																							
ORDER 6.										ORDER 6.																							
1. Ovarian Dropsy										1. Ovarian Dropsy																							
2. Uterus Disease, &c.										2. Uterus Disease, &c.																							
ORDER 7.										ORDER 7.																							
1. Synovitis (Arthritis)										1. Synovitis (Arthritis)																							
2. Joint Disease, &c.										2. Joint Disease, &c.																							
ORDER 8.										ORDER 8.																							
1. Phlegmon										1. Phlegmon																							
2. Ulcer										2. Ulcer																							
3. Skin Disease, &c.										3. Skin Disease, &c.																							
IV. DEVELOPMENTAL DISEASES.										IV. DEVELOPMENTAL DISEASES.																							
ORDER 1.										ORDER 1.																							
1. Premature Birth										1. Premature Birth																							
2. Cyanosis										2. Cyanosis																							
3. Spina Bifida										3. Spina Bifida																							
4. Other Malformations										4. Other Malformations																							
5. Teething										5. Teething																							
ORDER 2.										ORDER 2.																							
1. Paramenia										1. Paramenia																							
2. Childbirth (see Puer- peral Fever)										2. Childbirth (see Puer- peral Fever)																							
ORDER 3.										ORDER 3.																							
1. Old Age										1. Old Age																							
ORDER 4.										ORDER 4.																							
1. Atrophy and Debility										1. Atrophy and Debility																							
V. VIOLENT DEATHS, &c.										V. VIOLENT DEATHS, &c.																							
ORDER 1. (ACCIDENT, OR NEGLIGENCE.)										ORDER 1. (ACCIDENT, OR NEGLIGENCE.)																							
1. Fractures & Contusions										1. Fractures & Contusions																							
2. Wounds { Gunshot Cut, Stab }										2. Wounds { Gunshot Cut, Stab }																							
3. Burns and Scalds										3. Burns and Scalds																							
4. Poison										4. Poison																							
5. Drowning										5. Drowning																							
6. Suffocation										6. Suffocation																							
7. Otherwise										7. Otherwise																							
ORDER 3. (HOMICIDE.)										ORDER 3. (HOMICIDE.)																							
1. Murder & Manslaughter										1. Murder & Manslaughter																							
ORDER 4. SUICIDE.)										ORDER 4. SUICIDE.)																							
1. Wounds { Gunshot Cut, Stab }										1. Wounds { Gunshot Cut, Stab }																							
2. Poison										2. Poison																							
3. Drowning										3. Drowning																							
4. Hanging										4. Hanging																							
5. Otherwise										5. Otherwise																							
ORDER 5. (EXECUTION.)										ORDER 5. (EXECUTION.)																							
1. Hanging										1. Hanging																							
Violent Deaths (not classed)										Violent Deaths (not classed)																							
Sudden Deaths (Cause unascertained)										Sudden Deaths (Cause unascertained)																							
Causes not specified or ill-defined										Causes not specified or ill-defined																							

ges should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1877.

When a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, Whooping-cough, Typhus, Enteric (or Typhoid) Fever, Simple continued Fever, Diarrhoea, Violence, and from Unnatural Causes during the Week ending

REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include												
					Deaths of		Deaths from										
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	
LONDON		3,254,260	2270	1271	306	234	44	42	14	7	35	5	12	5	46	62	
WEST DISTRICTS		561,359	363	216	57	50	4	3	1	1	6	1	2	-	6	8	
NORTH DISTRICTS		751,729	492	297	67	60	17	8	4	3	4	1	3	2	6	13	
CENTRAL DISTRICTS		334,369	169	96	24	16	-	4	-	1	2	-	-	1	4	8	
EAST DISTRICTS		639,111	444	277	57	44	4	21	5	-	7	1	3	1	13	15	
SOUTH DISTRICTS		967,692	802	385	101	64	19	6	4	2	16	2	4	1	17	18	
WEST DISTRICTS.																	
St. Mary Paddington WH		58728	39	31	10	6	1	-	1	-	4	-	-	-	1	-	
St. John Paddington H		38085	14	8	3	1	-	-	-	-	-	-	-	-	-	-	
Kensington Town W		91645	63	25	7	8	-	-	-	-	-	-	1	-	1	-	
Brompton H		28654	17	11	-	4	-	-	-	-	-	-	-	-	-	-	
St. Peter Hammersmith		6662	6	3	-	2	-	-	-	-	-	-	-	-	-	1	
St. Paul Hammersmith H		36029	31	16	6	6	-	-	-	-	1	-	-	-	-	1	
Fulham WvH		23350	25	15	2	2	3	-	-	-	-	-	-	-	1	2	
Chelsea South HHH		26420	18	17	7	2	-	-	-	-	-	-	-	-	-	-	
Chelsea North-west WHHHH		22926	15	15	4	1	-	1	-	1	1	-	-	-	-	-	
Chelsea North-east		21392	19	10	2	5	-	-	-	-	-	-	1	-	-	1	
Hanover Square H		18698	11	3	1	-	-	-	-	-	-	-	-	-	-	-	
May Fair Wv		13358	4	6	2	3	-	-	-	-	-	-	-	-	-	-	
Belgrave HH		57972	34	18	3	6	-	-	-	-	-	-	-	-	-	1	
St. John Westminster HH		38478	23	12	7	-	-	1	-	-	-	-	-	-	-	-	
St. Margaret Westminster WH		27781	11	12	1	2	-	-	-	-	-	-	-	-	3	1	
Golden Square WH		12860	6	5	-	-	-	-	-	-	-	1	-	-	-	-	
Berwick-street H		20759	10	4	-	1	-	-	-	-	-	-	-	-	-	1	
St. Anne Soho HHHHH		17562	17	5	2	1	-	1	-	-	-	-	-	-	-	-	
NORTH DISTRICTS.																	
All Souls Marylebone HHHH		28579	11	12	2	3	-	-	-	-	-	1	-	-	-	1	
Cavendish Square HH		15425	1	4	2	1	-	1	-	-	-	1	-	-	-	-	
Rectory Marylebone WH		26384	10	18	5	4	-	-	-	-	-	-	-	-	1	-	
St. Mary Marylebone HHH		21786	18	5	-	1	1	-	-	-	1	-	-	-	-	-	
Christchurch Marylebone H		33944	13	10	5	-	-	1	-	-	-	-	-	-	1	1	
St. John Marylebone H		33186	21	7	2	1	-	-	-	-	-	-	1	-	-	1	
Hampstead WvHH		32281	27	17	2	3	7	-	-	-	-	-	-	-	-	-	
Regent's Park Pancras		38200	18	13	2	3	-	-	-	-	-	-	-	-	-	1	
Tottenham-court WHHH		29370	12	23	3	4	-	2	-	-	-	-	-	-	-	1	
Gray's Inn Lane HHH		29221	14	5	2	-	-	-	-	-	-	-	-	-	-	-	
Somers Town		38533	20	13	7	2	-	-	-	-	-	-	-	-	2	1	
Camden Town W		17943	9	13	-	10	1	-	-	-	-	-	-	-	-	-	
Kentish Town w		68198	52	25	8	4	-	1	-	-	-	-	1	1	2	1	
Islington West HHH		97820	75	38	12	3	2	1	2	-	-	-	1	-	1	3	
Islington East WvWH		115958	90	45	10	10	-	2	2	2	3	-	-	-	-	-	
Stoke Newington H		9841	11	3	-	2	-	-	-	-	-	-	-	-	-	-	
Stamford Hill		6598	3	1	-	-	-	-	-	-	-	-	-	-	-	1	
West Hackney		28069	21	7	-	2	-	-	-	-	-	-	-	-	-	1	
Hackney WvWH		50104	34	26	2	3	6	-	1	1	-	-	-	-	-	1	
South Hackney		30339	32	12	3	4	-	-	1	-	-	-	-	-	-	-	
CENTRAL DISTRICTS.																	
St. George Bloomsbury		17853	8	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. Giles South WH		19109	15	4	-	3	-	-	-	-	-	-	-	-	-	-	
St. Giles North		16594	7	5	1	-	-	2	-	-	1	-	-	-	-	1	
Long Acre		11379	5	2	-	1	-	-	-	-	-	-	-	-	-	-	
Charing Cross HH		9859	2	7	1	1	-	-	-	-	-	-	-	-	-	-	
St. Mary-le-Strand		9378	4	3	2	-	-	-	-	-	-	-	-	-	-	1	
St. Clement Danes H		10723	8	6	5	-	-	-	-	-	-	-	-	-	2	2	
St. George-the-Martyr HHHHH		20521	10	9	-	1	-	1	-	-	-	-	-	-	-	1	
St. Andrew Eastern W		13529	4	6	-	1	-	-	-	-	-	-	-	-	-	-	
Saffron Hill H		9066	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. James Clerkenwell W		18917	14	3	-	1	-	-	-	-	-	-	-	-	1	-	
Amwell Clerkenwell		16884	12	6	2	1	-	-	-	-	-	-	-	-	-	-	
Pentonville		13337	10	2	-	1	-	-	-	-	-	-	-	-	-	-	
Goswell-street		16242	8	6	2	2	-	-	-	-	-	-	-	-	-	-	
Old-street H		12161	8	2	1	-	-	-	-	-	1	-	-	-	-	-	
City-road HHL		18301	16	4	1	-	-	-	-	-	-	-	-	-	-	-	
Whitecross-street		13792	5	1	-	-	-	-	-	-	1	-	-	-	-	-	
Finsbury		10741	6	4	2	-	-	-	-	-	-	-	-	-	-	-	
St. Botolph East London H		14540	6	5	2	-	-	-	-	-	-	-	-	1	-	-	
Cripplegate		13638	4	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. Sepulchre H		7562	4	11	2	3	-	-	-	-	-	-	-	-	-	3	
St. Bride W		11185	7	3	-	-	-	-	-	-	-	-	-	-	-	-	
Castle Baynard		4426	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
Christchurch		6270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Queenhithe		4753	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Allhallows Barking		5764	1	2	1	1	-	-	-	-	-	-	-	-	-	1	
Broad Street H		7845	1	3	2	-	-	1	-	-	-	-	-	-	-	-	

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see also at the foot of next page.

UTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
3rd June 1877.

REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													Deaths in Public Institutions.	
				Deaths of		Deaths from										Inquest Cases.		
				Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhœa.	Violence.			
SOUTHWARK DISTRICTS.																		
Bedditch	12430	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bedditch HL†	16545	9	5	-	-	-	2	-	-	-	-	-	-	-	-	1	2	-
Bedditch W	27835	21	15	4	2	-	1	-	-	-	-	-	-	-	-	1	1	-
Bedditch W	26933	19	10	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Bedditch W	24162	21	9	2	12	-	2	-	-	-	-	-	-	-	-	-	-	1
Bedditch H	19259	11	7	2	-	-	1	-	-	-	-	-	-	-	-	1	-	1
SOUTHWARK DISTRICTS.																		
Bedditch W	29822	21	5	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Bedditch W	42433	25	22	6	6	1	-	-	-	-	-	1	-	-	-	2	4	9
Bedditch W	26577	21	8	3	1	-	2	-	-	-	-	-	-	-	-	1	-	-
Bedditch W	21272	11	10	3	-	-	4	-	-	-	-	-	-	-	-	1	1	-
SOUTHWARK DISTRICTS.																		
Bedditch W	22499	14	10	2	1	-	4	-	-	-	-	-	-	-	-	1	-	-
Bedditch W	15550	10	5	2	2	-	1	-	-	-	-	-	-	-	-	2	-	2
Bedditch W	11597	9	5	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Bedditch W	7322	3	22	-	1	-	1	-	-	-	-	-	-	-	-	5	5	20
Bedditch W	10381	8	5	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-
Bedditch W	9224	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bedditch W	17900	14	4	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Bedditch W	21350	18	8	3	1	-	1	-	-	-	-	-	-	-	-	1	-	-
Bedditch W	8802	4	18	-	10	-	-	-	-	-	-	-	-	-	-	-	-	16
SOUTHWARK DISTRICTS.																		
Bedditch W	11640	4	4	-	-	-	-	-	-	-	-	1	-	-	-	-	-	2
Bedditch W	16131	11	3	2	1	-	-	-	-	-	-	1	-	-	-	-	-	-
Bedditch W	29919	12	9	2	-	-	-	-	1	-	-	-	-	-	-	1	2	3
SOUTHWARK DISTRICTS.																		
Bedditch W	38128	18	6	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Bedditch W	55024	44	25	6	5	2	-	-	-	-	1	-	-	-	-	1	1	2
SOUTHWARK DISTRICTS.																		
Bedditch W	67765	74	38	5	7	1	-	3	-	-	-	-	-	-	1	1	1	1
Bedditch W	48611	36	18	3	4	-	1	1	-	3	-	3	-	1	-	1	1	3
SOUTHWARK DISTRICTS.																		
Bedditch W	14573	4	5	3	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Bedditch W	15677	12	2	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Bedditch W	20421	15	12	6	2	-	-	-	-	-	-	-	-	-	-	-	1	-
Bedditch W	16695	17	6	2	1	-	2	-	-	-	-	1	-	-	-	-	1	1
Bedditch W	18961	13	8	1	1	-	-	-	-	-	1	-	-	-	-	-	-	-
Bedditch W	23682	17	6	2	1	-	-	-	-	-	-	-	-	-	-	1	-	-
Bedditch W	48248	73	31	13	6	2	1	1	-	4	-	-	-	-	-	3	1	3
Bedditch W	16792	13	6	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTHWARK DISTRICTS.																		
Bedditch W	4373	3	11	1	2	-	-	-	-	-	-	-	-	-	-	1	3	2
Bedditch W	10500	8	3	1	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Bedditch W	16787	10	3	2	-	1	-	-	-	-	-	1	-	-	-	-	-	1
Bedditch W	15709	8	8	1	2	-	-	-	-	-	-	-	-	-	-	-	-	3
Bedditch W	47933	36	16	3	2	-	-	-	-	-	-	1	-	-	-	1	-	1
Bedditch W	27096	21	13	4	1	-	-	-	-	-	-	2	-	-	-	1	-	2
SOUTHWARK DISTRICTS.																		
Bedditch W	14074	15	7	-	1	-	-	-	-	-	-	-	-	-	-	-	-	3
Bedditch W	18465	14	12	1	1	-	-	-	-	-	-	-	-	-	-	2	1	1
Bedditch W	19492	9	17	1	2	-	-	-	-	-	-	1	-	-	-	-	3	8
Bedditch W	35333	31	23	3	6	-	-	-	-	-	-	-	-	-	-	-	-	12
Bedditch W	41286	26	12	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Bedditch W	31221	22	9	2	1	2	-	-	-	-	-	1	-	-	-	-	1	-
Bedditch W	35435	41	22	5	2	7	-	-	-	-	1	1	2	2	-	2	-	10
Bedditch W	12536	12	5	3	1	-	-	-	-	-	-	1	-	-	-	-	-	-
SOUTHWARK DISTRICTS.																		
Bedditch W	27347	20	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bedditch W	54016	73	24	7	1	1	2	-	-	-	-	-	-	-	-	2	3	1
Bedditch W	19783	12	7	2	2	-	-	1	-	-	-	-	-	-	-	2	2	3
Bedditch W	9439	5	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Bedditch W	14475	14	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTHWARK DISTRICTS.																		
Bedditch W	4041	2	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Bedditch W	31254	26	7	1	-	1	-	-	-	-	-	1	-	-	-	2	1	1
Bedditch W	42160	34	15	3	3	1	-	-	-	-	-	-	-	-	-	-	3	-
Bedditch W	33851	31	10	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTHWARK DISTRICTS.																		
Bedditch W	53714	34	19	7	2	4	-	-	-	-	-	1	-	-	-	2	-	4
Bedditch W	6474	6	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Bedditch W	21034	14	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Bedditch W	19378	9	8	2	1	-	-	-	-	-	-	1	-	-	-	-	-	4
SOUTHWARK DISTRICTS.																		
Bedditch W	4539	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bedditch W	16440	13	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Bedditch W	11513	14	11	6	3	-	-	-	-	-	-	-	-	-	-	1	2	4
Bedditch W	19065	10	12	6	2	-	-	-	-	-	-	-	-	-	-	1	-	-
SOUTHWARK DISTRICTS.																		
Bedditch W	9564	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Bedditch W	17226	12	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Bedditch W	18331	21	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bedditch W	13027	13	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Bedditch W	15232	11	8	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-

WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the

London Sick Asylum in Tottenham-court sub-district.
Kentish Town sub-district.
Bow sub-district.
Stepney
Poplar & Stepney Sick Asylum
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-
ney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 23rd June 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include											
						Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Public
	LONDON—OUTER RING	368,414	631,381	465	227	45	53	1	4	2	-	5	7	4	6	12	30
29: 1	Carshalton W - - -	12228	13523	9	2	-	1	-	-	-	-	-	-	-	1	1	-
2	Epsom (part of) * WH -	9971	9145	1	1	-	-	-	-	-	-	-	-	-	-	-	-
36: 1	Godstone (part of) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37: 1	Croydon WWH - - -	20851	71319	47	29	7	9	1	-	-	-	1	1	-	-	-	-
2	Mitcham WH - - -	11697	12534	6	1	-	-	-	1	-	-	-	-	-	-	-	-
38: 1	Wimbledon HH - - -	3220	9087	5	3	1	1	-	-	-	-	-	-	-	-	-	-
2	Kingston WH - - -	8549	27489	19	12	4	2	-	-	-	-	2	-	-	-	-	-
3	Esher (part of) * - - -	6601	7353	8	1	-	1	-	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	7	3	-	-	-	-	-	-	-	-	-	-	-	-
39: 1	Richmond WH - - -	2271	16829	15	3	1	-	-	-	-	-	-	-	-	-	-	-
2	Mortlake - - - -	2961	9316	5	3	-	1	-	-	-	-	-	-	-	-	-	-
40: 1	Bromley (part of) * HH -	15669	19509	15	3	-	-	-	-	-	-	-	-	-	-	1	-
2	Chislehurst (part of) * W -	13665	10028	12	4	2	-	-	-	-	-	1	-	-	-	-	-
41: 1	Bexley H - - - -	13439	19566	16	7	1	4	-	1	-	-	-	-	-	-	-	-
123: 1	Sunbury W - - - -	11055	9860	3	3	1	-	-	-	-	-	-	-	-	-	-	-
2	Staines W - - - -	13277	10339	3	4	-	-	-	-	-	-	-	-	-	-	-	-
124: 1	Hillingdon WH - - -	6029	9712	4	2	-	-	-	-	-	-	-	-	-	-	-	-
2	Uxbridge - - - -	6178	5329	2	1	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes WL - - - -	14587	10497	9	7	2	-	-	-	1	-	-	-	-	1	1	3
125: 1	Isleworth W - - - -	7008	19930	13	8	2	1	-	-	-	-	-	1	-	-	1	3
2	Twickenham - - - -	2477	10533	5	4	-	1	-	-	-	-	-	1	-	-	-	-
3	Brentford HL - - - -	4370	20279	7	6	1	2	-	-	-	-	-	-	-	-	-	-
4	Chiswick - - - -	1311	8508	6	7	2	1	-	-	-	-	-	-	-	-	1	-
5	Acton WH - - - -	6087	12683	9	5	2	1	-	-	1	-	-	-	-	-	1	-
126: 1	Harrow H - - - -	13809	10869	5	2	-	-	-	-	-	-	-	-	-	1	1	-
2	Edgware - - - -	6994	3450	4	2	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	13	10	3	3	-	-	-	-	1	-	1	-	-	-
4	Hendon WH - - - -	8382	6972	5	2	1	-	-	-	-	-	-	-	-	-	-	-
127: 1	South Mimms - - - -	15419	5924	-	1	-	-	-	-	-	-	-	-	-	-	-	-
2	Barnet W - - - -	5423	7752	3	3	-	2	-	-	-	-	-	-	-	-	-	-
3	Finchley L - - - -	4688	11493	10	8	1	2	-	-	-	-	-	-	-	-	-	-
128: 1	Hornsey H - - - -	3039	19357	21	7	-	1	-	1	-	-	-	-	-	-	-	-
2	Tottenham H - - - -	4642	22869	12	6	1	-	-	-	-	-	-	-	-	-	-	-
3	Edmonton WW - - - -	7483	13860	14	12	1	6	-	-	-	-	-	-	-	1	1	-
4	Enfield WH - - - -	12653	16054	8	4	1	-	-	-	-	-	-	2	-	-	2	-
5	Waltham Abbey - - - -	11017	5197	1	2	1	-	-	-	-	-	-	-	1	-	-	-
6	Cheshunt - - - -	8493	7518	6	1	-	-	-	-	-	-	-	-	1	-	-	-
134: 1	Hatfield (part of) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136: 1	Bushey - - - -	9028	6472	-	4	-	2	-	-	-	-	-	-	-	-	-	-
185: 1	Stratford - - - -	882	23286	25	8	3	1	-	-	-	-	-	-	1	-	-	-
2	West Ham WWWW - - -	7345	44642	67	15	4	4	-	-	-	-	-	2	-	1	1	-
3	Leyton WW - - - -	4274	15513	10	9	1	3	-	1	-	-	-	-	-	-	-	-
4	Walthamstow H - - -	6619	15701	10	9	1	3	-	-	-	-	-	-	-	1	1	-
186: 1	Chigwell (part of) * H -	10483	8169	7	-	-	-	-	-	-	-	-	-	-	-	-	-
188: 1	Romford (part of) * - -	6730	2879	2	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - - -	8492	5947	8	2	1	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - - -	4128	6576	8	1	-	1	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 399); 134: 1, only the parish of Northaw in Hatfield sub-district; 185: 1, the whole of the Chigwell sub-district, except the parish of Tholdon-Bell (pop. 798); 188: 1, only the parish of Dagenham in Romford sub-district.

8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 23rd June 1877.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
						Deaths of		Deaths from									
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Deaths in Public Institutions.	
GREATER LONDON	446,494	4,367,547	17·9	2·8	1498	351	287	45	46	16	7	40	29	50	68	302	
Inner LONDON -	78,080	3,533,484	18·8	3·1	1271	306	234	44	42	14	7	35	22	46	62	272	
Outer RING -	368,414	834,063	14·2	1·4	227	45	53	1	4	2	-	5	7	4	6	30	

The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 6·4 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 8 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles on one side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 28 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
ALCUTTA -	429,535	May	19	-	215	26·1	Fever 62; cholera 18.
BOMBAY -	644,405	"	22	-	755	60·8	Small-pox 30; cholera 56.
COCHIN -	397,552	"	18	-	-	-	-
PARIS -	1,988,806	June	21	-	954	24·9	Small-pox 4; typhoid fever 21; measles 21.
ST. PETERSBURG -	67,829	"	16	47	40	30·8	Measles 6.
BRUSSELS -	188,609	"	16	94	88	24·2	Small-pox 6.
AMSTERDAM -	289,981	"	16	180	154	27·0	Measles 16.
ROTTERDAM -	136,231	"	16	92	84	32·0	-
THE HAGUE -	104,095	"	16	92	47	23·5	-
COPENHAGEN -	215,000	"	19	137	99	24·0	Whooping-cough 3.
STOCKHOLM -	146,845	"	9	-	98	34·7	Whooping-cough 5.
CHRISTIANIA -	79,000	"	16	68	50	32·9	-
BERLIN -	997,269	"	2	816	569	29·6	Scarlet fever 6; diphtheria 11.
HAMBURG (State) -	393,588	"	2	273	208	27·6	Diphtheria and croup 10.
GLASGOW -	202,295	"	9	137	94	24·2	Diphtheria and croup 4.
BOHEMIA -	246,813	"	16	217	183	37·0	-
MUNICH -	209,000	"	16	187	171	43·0	Diphtheria and croup 4; typhus 2.
VENICE -	714,548	"	16	504	392	28·5	Small-pox 9.
BUDA-PESTH -	315,401	"	9	238	243	40·1	Typhus 20; small-pox 4.
ROME -	278,099	"	2	117	117	21·8	Diphtheria and croup 12; small-pox 2.
PARIS -	454,948	"	3	-	229	26·2	Diphtheria 7; typhus 3.
PARIS -	223,488	"	9	143	114	26·5	Typhoid fever and typhus 5.
NICE -	139,796	"	9	82	63	23·4	-
ALEXANDRIA -	212,034	"	9	178	182	44·8	Whooping-cough 6.
NEW YORK -	1,077,228	May	26	-	488	23·6	Scarlet fever 25; diphtheria 12.
BROOKLYN -	527,850	"	26	-	178	17·5	Scarlet fever 18; diphtheria 14.
PHILADELPHIA -	850,856	June	2	-	271	16·6	Scarlet fever 6; typhoid fever 7; diphtheria 5.
BOSTON -	363,000	May	26	-	131	18·7	Diphtheria 10.

* With suburbs, including Genf, Plain-palais, and Eaux-Vives.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

26. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, JUNE 30. [Price 1½d.

*General Register Office, Somerset House,
2nd July, 1877.*

UNITED KINGDOM.

DURING last week 5612 *births* and 3287 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2325. The mortality from all causes was at the average of 21 deaths annually in every 1000 persons living. The annual death-rate was 23 per 1000 in Edinburgh, 21 in Glasgow, and 31 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Portsmouth 11, Norwich 12, Hull 15, Sheffield 17, Leicester 17, Plymouth 17, Nottingham 18, Leeds 19, London 19, Wolverhampton 22, Sunderland 23, Bradford 23, Brighton 23, Birmingham 23, Newcastle-upon-Tyne 23, Bristol 24, Liverpool 26, Manchester 27, Salford 28, and Oldham 29. The 54 deaths from small-pox in the twenty towns included 44 in London, 5 in Liverpool (not including a fatal municipal case in the Bethnal Green workhouse), 3 in Oldham, one in Salford, and one in Leeds.

LONDON.

IN LONDON 2291 BIRTHS and 1300 DEATHS were registered. Allowing for the increase of population, the births were 33, and the deaths 43, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the four preceding weeks had steadily declined from 21·3 to 18·8, was last week 19·2.

The 1300 deaths included 44 from small-pox, 45 from measles, 24 from scarlet fever, 6 from diphtheria, 28 from whooping-cough, 26 from different forms of fever, and 50 from diarrhoea; thus to the seven principal diseases of the zymotic class 223 deaths were referred, against 218 and 210 in the two preceding weeks. The 223 deaths were 50 below the corrected average number from the same diseases in the corresponding week of the last ten years. The 45 fatal cases of measles included by 3 those in the previous week, and included 14 in the East and 15 in the South groups of districts; 6 occurred in Shoreditch, 6 in Bethnal Green, and 3 in Southwark. Of the 24 deaths from scarlet fever, 3 were returned in Islington, 2 in St. John Marylebone, 2 in Bow, 2 in Battersea, and 2 in Eltham. The 28 deaths from whooping-cough included 3 in Paddington, 5 in Pancras, and 3 in Greenwich. The 50 fatal cases of diarrhoea, although showing a further increase on recent weekly numbers, were 33 below the corrected average number; 31 of infants under one year of age, and 10 of children aged between one and five years. The death of a child aged five years in Bethnal Green was referred to Asiatic cholera, and that of an infant aged eight months in Southwark to choleraic diarrhoea. The 26 deaths referred to fever showed a further increase upon the numbers in the two previous weeks, and included 6 certified as typhus, 15 as enteric fever, 5 as simple continued fever, and 5 as simple continued fever. The 6 deceased typhus patients had been in Potter Street, Soho; in King Street, Rotherhithe; in Compton Street, Pancras (2 deaths); in North Terrace, Camberwell; and in Henry Street, Mile End. The 15 fatal cases of enteric fever were registered in St. George, Camberwell, and the death of a child aged three years in Goldington Street, Somers Town, was thus certified by the coroner: "Found dead; enteric fever and effusion of serum into the pericardium of heart from foul atmosphere from defective and unstopped drains."

The fatal cases of small-pox, which in the seven preceding weeks had slowly but steadily declined from 78 to 44, were again 44 last week, of which 17 were certified as unvaccinated, and 9 as vaccinated; in the remaining 18 cases the medical certificates did not contain any information relating to vaccination. The 44 included 21 which were recorded in the Metropolitan Asylum Hospitals, 2 in

the Highgate Small-pox Hospital, and 21 in private dwellings ; of the latter, 5 occurred in Newington, 3 in Camberwell, 2 in Mile End, 2 in Bethnal Green, and 2 in Battersea. After distributing the 23 fatal hospital cases, it appears that 5 of the deceased small-pox patients had resided in Islington, 4 in Kensington, 3 in Paddington, 4 in Bethnal Green, 5 in Newington, and 3 in Poplar. The deaths from small-pox included 8 of children under five years of age.

The two fatal cases of small-pox in Peckham were of the wife and daughter (aged 5 years) of a contractor in Langdale Road. With reference to these cases, it is stated that the child was unvaccinated, and that the father and husband had been repeatedly summoned, and more than once fined, for refusing to have his child vaccinated. A vaccinated child aged one year in the same family has not been attacked by the disease. It is also stated that a female domestic servant, a labourer, and the child of the family washerwoman, are now under treatment for small-pox in the Metropolitan Asylum Hospitals, all having been infected from this source.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which in the five preceding weeks had steadily declined from 964 to 726, further decreased to 664 last Saturday ; the number of new cases admitted during last week was 97, and 3 more than in the previous week. The Highgate Small-pox Hospital contained 39 patients on Saturday last.

The deaths referred to diseases of the respiratory organs further declined to 162, and were 2 below the corrected average weekly number.

Different forms of violence caused 52 deaths ; 42 were the result of negligence or accident, including 17 from fractures and contusions, 12 from drowning, 4 from poison, and 4 of infants under one year of age from suffocation. The 17 deaths from fractures and contusions were thus caused : a male aged 67, and a female aged 3, were run over by vans ; a male 1, was crushed by a van ; a male 71, fell from a cart, and a female 1, was run over by a cart ; males 55, 40, and 2, were kicked by horses ; male 16, run over on railway ; females 61 and 81, fell down stairs ; male 39, fell from loft ; male 41, fell from plank into barge ; male 19, by fall of sack of corn upon ; male 66, by fall of bale of silk upon ; male 19, by fall of block of stone upon ; and male 2, fractured leg (cause of fracture not stated). An inquest was held in each of the 17 cases.

In the large Public Institutions 281 deaths were recorded, or 22 per cent. of the total deaths ; of these, 183 occurred in Workhouse Establishments, 88 in Hospitals, and 10 in Lunatic Asylums.

GREATER LONDON.

In Greater London 2780 births and 1533 deaths were registered, equal to annual rates of 33·2 and 18·3 per 1000 of the population. In the Outer Ring two fatal cases of small-pox were registered in West Ham, one in Stratford, and one in Bexley. Two deaths were also referred to fever in Bexley.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 24, Bombay 68 ; Paris 22 ; Geneva 22 ; Brussels 25 ; Amsterdam 26, Rotterdam 26, The Hague 27 ; Copenhagen 20 ; Stockholm 33 ; Christiania 21 ; Berlin 37, Hamburg 29, Dresden 31, Breslau 31 ; Munich 43 ; Vienna 25 ; Buda-Pesth 39, Rome 19, Naples 29, Turin 32, Venice 27 ; Alexandria 52 ; New York 21, Brooklyn 21, Philadelphia 20, and Boston 20.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·99 in. ; the lowest reading was 29·82 in. at the beginning of the week, and the highest 30·09 in. on Thursday morning. The mean temperature of the *air* was 61°·6, and 0°·4 above the average in the corresponding week of the 60 years 1814-73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average on each of the first three, while an excess of temperature prevailed on each of the last four days of the week ; on Sunday, 24th ulto., the mean was 56°·4, and 4°·5 below the average, whereas on Friday it was 68°·9, showing an excess of 7°·6. The lowest night temperature was 44°·2 on Monday, and the highest day temperature in the shade 85°·5 on Friday ; the extreme range in the week was, therefore, 41°·3. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 144°·4 on Friday. The difference between the mean *dew-point* and *air* temperature averaged 14°·1. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 65°·6. The air was very dry ; the mean degree of *humidity* of the air was only 61, complete saturation being represented by 100. The general direction of the *wind* was Westerly, and the horizontal movement of the air averaged 9·8 miles per hour, which was 0·5 below the average in the corresponding week of 16 years. *Rain* fell on one day of the week, to the aggregate amount of 0·01 of an inch. The duration of registered sunshine in the week was 58·4 hours, out of the 115·7 hours that the sun was above the horizon.

—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 30th day of June 1877.

TOWNS.	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 30th June 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
ESSEX.											
BOUNDARIES, LONDON (LIN.)											
ESSEX in the KINGDOM	212,831	8,144,940	38·3	5612	3287	85·5	38·2	58·5	14·72	0·25	0·63
- -	75,362	3,533,484	46·9	2291	1300	85·5	44·2	61·6	16·45	0·01	0·03
- -	2,354	102,264	43·4	51	45	72·1	50·3	59·0	15·00	0·12	0·30
- -	4,486	127,144	28·3	70	23	70·8	50·0	58·8	14·89	0·04	0·10
- -	7,472	84,023	11·2	50	19	82·8	47·0	60·6	15·90	0·06	0·15
- -	1,395	72,911	52·3	44	24	72·5	45·0	58·7	14·83	0·01	0·03
- -	4,452	202,950	45·6	127	95	78·5	40·5	59·9	15·50	0·10	0·25
EMPTON -	3,396	73,339	21·6	54	31	78·0	42·0	56·4	13·55	0·13	0·33
M -	8,400	377,436	44·9	288	167	-	-	-	-	-	-
- -	3,290	117,461	36·7	83	38	80·8	41·5	58·9	14·94	0·04	0·10
M -	1,936	95,025	47·6	60	32	80·4	38·2	57·8	14·34	0·05	0·13
- -	5,210	527,083	101·2	408	262	70·6	50·0	56·8	13·78	0·21	0·53
R -	4,293	359,213	83·7	236	189	79·0	41·0	59·0	15·00	0·77	1·96
- -	5,170	141,184	27·3	136	75	74·8	39·0	55·6	13·12	0·99	2·51
- -	4,666	89,796	19·2	81	50	-	-	-	-	-	-
- -	7,220	179,315	24·8	118	79	73·2	44·2	56·8	13·78	0·23	0·71
- -	21,572	298,189	13·8	215	106	75·0	41·0	57·7	14·28	0·24	0·61
- -	19,651	282,130	14·4	198	90	78·0	45·0	58·9	14·94	0·15	0·38
- -	3,635	140,002	38·5	97	41	79·0	44·0	58·6	14·78	0·18	0·46
D -	3,306	110,382	33·4	91	48	74·0	47·0	59·9	15·50	0·38	0·97
ON-TYNE	5,371	142,231	26·5	97	64	-	-	-	-	-	-
- -	4,191	218,729	52·2	155	95	69·9	42·8	57·0	13·89	0·24	0·61
- -	6,033	555,933	92·1	428	222	65·0	47·2	57·3	14·06	0·66	1·68
- -	10,050	314,666	31·3	229	187	75·0	43·1	60·4	15·78	0·35	0·89

Notes of the Meteorological Observers in the several towns, see note at foot of Table 4.
 * Figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by the addition of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The figures for Dublin is taken as stationary at the number enumerated in April 1871.

—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 55,612 persons, and in DUBLIN, during the Week ending Saturday the 30th day of June 1877.

TOWNS, &c.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from											
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.				
BOUNDARIES, LONDON (LIN.)																	
TOWNS -	20·6	3·2	2783	607	525	54	70	55	13	104	54	83	105	169	490		
- -	19·2	3·3	1300	275	237	44	45	24	6	23	26	50	52	86	281		
- -	23·0	4·1	45	11	5	-	-	2	1	2	2	1	3	3	14		
H -	11·5	2·9	28	5	8	-	-	-	-	3	3	1	2	3	3		
- -	11·8	0·0	19	4	6	-	-	-	-	-	-	-	-	1	2		
- -	17·2	2·9	24	5	5	-	-	4	-	-	-	-	2	3	5		
- -	24·4	4·1	95	26	18	-	1	-	-	8	6	1	4	5	10		
EMPTON -	22·0	5·0	31	10	7	-	-	4	-	1	1	1	1	1	9		
M -	23·1	4·2	167	41	35	-	10	1	1	11	2	5	5	11	26		
- -	16·9	2·7	38	8	15	-	2	-	-	2	2	-	1	4	6		
M -	17·6	0·0	32	8	9	-	-	-	-	-	-	-	-	-	5		
- -	25·9	4·3	262	63	37	5	6	-	1	19	7	5	9	9	44		
R -	27·5	3·9	189	37	37	-	4	7	1	8	2	5	8	18	30		
- -	27·7	4·8	75	16	8	1	2	3	-	4	1	2	3	4	7		
- -	29·1	3·5	50	12	10	3	-	-	-	2	-	1	-	-	6		
- -	23·0	2·3	79	15	13	-	-	1	-	4	-	3	5	5	6		
- -	18·6	1·9	106	16	29	1	-	2	2	5	-	1	3	7	8		
- -	16·6	1·5	90	20	16	-	-	1	-	4	1	2	2	1	10		
- -	15·3	1·5	41	9	8	-	-	2	-	1	-	1	-	1	4		
D -	22·7	1·9	48	9	11	-	-	1	1	-	1	1	3	3	5		
ON-TYNE	23·5	2·9	64	17	11	-	-	3	-	2	-	3	2	4	9		
- -	31·0	3·7	187	25	37	2	12	1	-	1	6	-	8	10	57		

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the TWENTY-SIXTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2160	2169	2019	2213	2160	2147	2105	2244	2115	2387	2171·9	2291
Males . . .	1084	1122	1046	1129	1099	1079	1078	1191	1079	1208	1111·5	1129
Females . .	1076	1047	973	1084	1061	1068	1027	1053	1036	1179	1060·4	1162
TOTAL Deaths	1118	1454	1231	1359	1328	1070	1129	1336	1348	1175	1254·8	1300
Males . . .	603	767	654	693	678	580	578	679	725	621	657·8	694
Females . .	515	687	577	666	650	490	551	657	623	554	597·0	606

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867-76 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Apr. 7.	Apr. 14.	Apr. 21.	Apr. 28.	May 5.	May 12.	May 19.	May 26.	June 2.	June 9.	June 16.	June 23.	June 30.
TOTAL Deaths - - -	1922	1714	1532	1557	1490	1613	1564	1392	1443	1429	1315	1271	1300
0—20 - - -	877	778	740	722	708	745	758	651	688	692	663	632	609
20—40 - - -	242	233	219	212	220	241	200	211	233	226	180	188	205
40—60 - - -	323	314	257	281	274	280	272	243	241	239	218	217	249
60—80 - - -	391	315	264	289	241	297	265	250	234	224	207	199	196
at 80 years & upwds.	89	74	52	53	47	50	69	37	47	48	47	35	41
Deaths of { Under 1 year -	380	378	356	345	334	325	341	293	304	282	287	306	275
children { 1—5 - - -	372	277	272	277	260	310	318	249	268	286	260	222	224
{ 5—20 - - -	125	123	112	100	114	110	99	109	116	124	116	104	110
Deaths from 7 principal Zymo- totic Diseases } - - -	253	208	223	213	189	245	246	220	236	220	218	210	223
" " Smallpox - - -	78	60	68	89	54	78	70	69	61	58	55	44	44
" " Measles - - -	50	58	41	47	44	45	59	56	69	65	61	42	45
" " Scarlet Fever - -	16	18	25	14	16	24	20	21	28	19	14	14	24
" " Diphtheria - - -	4	5	6	3	2	4	4	3	8	6	7	7	6
" " Whooping-cough -	69	42	46	30	43	58	59	34	41	40	38	35	28
" " Typhus fever - - -	3	2	4	4	3	2	2	1	3	1	4	5	6
" " Enteric (or Ty- phoid) fever - - -	19	8	17	11	13	12	6	16	11	11	9	12	15
" " Simple Cont'd fever	5	2	5	3	5	2	4	7	2	4	3	5	5
" " Diarrhoea - - -	9	13	11	12	9	20	22	13	13	16	27	46	50
" " Simple Cholera -	1	-	-	-	-	-	-	-	-	-	-	2	2
" " Dis. of Respira- tory Organs - - -	554	420	343	349	327	355	338	303	259	251	199	166	162
" " Phthisis - - -	208	199	162	167	192	208	149	155	174	174	163	161	198
" " Heart Diseases -	111	89	91	88	92	93	91	86	91	77	67	67	77
Violent Deaths - - -	54	59	65	51	46	53	48	36	58	59	76	62	52
Inquest Cases - - -	109	129	116	87	83	84	104	82	92	101	116	94	86
Deaths in Public Institutions	332	334	294	346	296	334	315	277	300	293	275	272	281
TEMPERATURE OF THE AIR:													
Mean - - - - -	47·8	46·9	42·5	44·7	41·3	49·2	51·1	49·1	53·7	60·4	62·2	63·3	61·6
Mean of Highest readings -	57·5	55·9	49·8	54·4	51·4	61·6	60·6	57·5	63·6	74·4	75·1	77·6	76·8
Mean of Lowest readings -	41·7	41·6	37·0	37·6	35·1	38·8	45·3	44·5	46·7	48·7	51·7	51·5	50·0
Mean Temperature of the } Water of the Thames - }	49·4	50·9	48·9	48·3	48·4	50·1	54·4	53·9	55·4	58·8	64·3	67·3	65·6
Humidity of the Air - - -	82	83	76	78	72	71	82	74	73	68	72	63	61
Rain-fall in inches - - -	0·85	1·73	0·35	0·08	0·20	0·24	0·80	0·23	0·28	0·07	0·41	0·01	0·01
Registered Sunshine (in hours)	20·4	9·4	14·1	26·6	21·2	52·7	19·5	13·5	44·0	70·3	68·9	67·0	58·4

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Pilliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-SIXTH Week of the Year 1877.

CAUSE OF DEATH.		Average in the Twenty-sixth Weeks of the 10 years 1867-76.	In the Week ending Saturday, June 30, 1877.										CAUSES OF DEATH.		Average in the Twenty-sixth Weeks of the 10 years 1867-76.	In the Week ending Saturday, June 30, 1877.									
			Deaths of Persons of the Ages													Deaths of Persons of the Ages									
			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	ALL AGES.	Under 20.				20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.						
				Mean Tem.	0-1.	1-5.						5-20.								Mean Tem.	0-1.	1-5.	5-20.		
Mean Temperature	60° 1	61° 6	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	Mean Temperature	60° 1	61° 6	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.						
1254° 8	1300	275	224	110	205	249	196	41	9. Stricture of Intestines	1° 1	1	-	-	-	-	-	1	-	-						
1243° 4	1298	273	224	110	205	249	196	41	10. Fistula	1° 5	1	-	-	-	-	1	-	-	-						
									11. Stomach Disease, &c.	5° 3	15	2	2	-	2	7	2	-	-						
									12. Pancreas Disease, &c.	-	-	-	-	-	-	-	-	-	-						
									13. Hepatitis	5° 0	2	-	-	-	-	1	1	-	-						
									14. Jaundice	4° 2	1	1	-	-	-	-	-	-	-						
									15. Liver Disease, &c.	15° 8	25	-	1	-	3	15	6	-	-						
									16. Spleen Disease, &c.	.9	-	-	-	-	-	-	-	-	-						
									ORDER 5.																
									1. Nephritis	1° 4	2	-	-	-	-	-	1	1	-						
									2. Ischuria	.4	-	-	-	-	-	-	-	-	-						
									3. Bright's Dis. (Nephria)	9° 2	17	-	-	2	2	9	4	-	-						
									4. Diabetes	1° 7	1	-	-	-	-	1	-	-	-						
									5. Calculus (Stone)	.4	1	-	-	-	-	-	-	1	-						
									6. Cystitis	1° 0	1	-	-	-	-	-	1	-	-						
									7. Kidney Disease, &c.	7° 9	8	-	-	2	-	2	3	1	-						
									ORDER 6.																
									1. Ovarian Dropsy	.5	-	-	-	-	-	-	-	-	-						
									2. Uterus Disease, &c.	3° 8	1	-	-	-	-	1	-	-	-						
									ORDER 7.																
									1. Synovitis (Arthritis)	.3	-	-	-	-	-	-	-	-	-						
									2. Joint Disease, &c.	5° 0	7	1	1	3	1	-	1	-	-						
									ORDER 8.																
									1. Phlegmon	1° 9	4	3	-	-	1	-	-	-	-						
									2. Ulcer	1° 5	-	-	-	-	-	-	-	-	-						
									3. Skin Disease, &c.	.8	3	2	1	-	-	-	-	-	-						
									IV. DEVELOPMENTAL DISEASES.																
									ORDER 1.																
									1. Premature Birth	20° 9	21	21	-	-	-	-	-	-	-						
									2. Cyanosis	2° 3	3	3	-	-	-	-	-	-	-						
									3. Spina Bifida	1° 2	1	1	-	-	-	-	-	-	-						
									4. Other Malformations	2° 0	4	4	-	-	-	-	-	-	-						
									5. Teething	13° 3	9	5	4	-	-	-	-	-	-						
									ORDER 2.																
									1. Paramenia	.1	-	-	-	-	-	-	-	-	-						
									2. Childbirth (see Puerperal Fever)	4° 8	6	-	-	-	6	-	-	-	-						
									ORDER 3.																
									1. Old Age	35° 9	41	-	-	-	-	-	22	19	-						
									ORDER 4.																
									1. Atrophy and Debility	62° 0	49	41	3	-	-	1	4	-	-						
									V. VIOLENT DEATHS, &c.																
									ORDER 1.																
									(ACCIDENT, or NEGLIGENCE.)																
									1. Fractures & Contusions	18° 7	17	-	5	3	1	3	4	1	-						
									2. Wounds { Gunshot - Cut, Stab }	1° 0	-	-	-	-	-	-	-	-	-						
									3. Burns and Scalds	2° 6	1	-	-	-	-	-	1	-	-						
									4. Poison	.8	4	1	-	-	1	1	1	-	-						
									5. Drowning	8° 0	12	-	-	5	3	3	1	-	-						
									6. Suffocation	6° 6	7	4	-	1	1	-	1	-	-						
									7. Otherwise	2° 4	1	-	-	-	-	1	-	-	-						
									ORDER 3.																
									(HOMICIDE.)																
									1. Murder & Manslaughter	2° 4	2	1	-	-	-	1	-	-	-						
									ORDER 4.																
									(SUICIDE.)																
									1. Wounds { Gunshot - Cut, Stab }	.2	-	-	-	-	-	-	-	-	-						
									2. Poison	1° 4	2	-	-	-	-	1	1	-	-						
									3. Drowning	1° 2	3	-	-	-	2	-	-	-	-						
									4. Hanging	1° 9	3	-	-	1	-	1	1	-	-						
									5. Otherwise	.3	-	-	-	-	-	-	-	-	-						
									ORDER 5.																
									(EXECUTION.)																
									1. Hanging	.1	-	-	-	-	-	-	-	-	-						
									Violent Deaths (not classed)	1° 1	-	-	-	-	-	-	-	-	-						
									Sudden Deaths (Cause unascertained)	.8	-	-	-	-	-	-	-	-	-						
									Causes not specified or ill-defined	10° 6	2	2	-	-	-	-	-	-	-						

a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, TYPHUS, ENTERIC (OR TYPHOID) FEVER, SIMPLE CONTINUED FEVER, DIARRHOEA, and VIOLENCE, during the Week ending

REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Deaths of		Deaths from										
				Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	
LONDON - - -	3,254,260	2291	1300	275	237	44	45	24	6	28	6	15	5	50	52	88
WEST DISTRICTS - - -	561,359	331	184	33	39	5	5	2	1	6	-	3	1	5	7	17
NORTH DISTRICTS - - -	751,729	531	306	68	55	20	7	9	2	10	1	3	1	11	5	8
CENTRAL DISTRICTS - - -	334,369	207	101	16	17	-	4	1	-	1	-	-	-	3	7	10
EAST DISTRICTS - - -	639,111	495	274	61	51	5	14	3	1	5	-	4	-	15	12	29
SOUTH DISTRICTS - - -	967,692	727	435	97	75	14	15	9	2	6	5	5	3	16	21	53
WEST DISTRICTS.																
St. Mary Paddington WH - - -	58728	42	20	3	5	-	-	-	-	2	-	-	-	1	-	1
St. John Paddington H - - -	38085	10	9	3	2	-	1	-	-	1	-	-	-	-	1	1
Kensington Town W - - -	91645	64	42	7	9	-	-	1	1	-	-	-	-	-	-	1
Brompton H - - -	28654	20	15	2	7	1	1	-	-	-	-	-	-	-	-	-
St. Peter Hammersmith - - -	6662	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith H - - -	36029	36	12	2	4	-	-	-	-	1	-	-	-	-	-	-
Fulham WwH - - -	23350	24	16	5	-	4	-	1	-	-	-	-	-	1	-	-
Chelsea South HHH - - -	26420	18	6	1	2	-	1	-	-	-	-	-	1	-	-	-
Chelsea North-west WHHHH - - -	22926	16	11	2	2	-	-	-	-	1	-	1	-	1	-	-
Chelsea North-east - - -	21392	15	5	1	-	-	1	-	-	-	-	-	-	-	-	-
Hanover Square H - - -	18698	9	6	1	-	-	-	-	-	1	-	-	-	-	2	2
May Fair WW - - -	13358	3	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Belgrave HH - - -	57972	23	9	3	-	-	1	-	-	-	-	1	-	-	-	-
St. John Westminster HH - - -	38478	15	13	2	2	-	-	-	-	-	-	-	-	2	2	3
St. Margaret Westminster WH - - -	27781	10	4	-	1	-	-	-	-	-	-	-	-	-	-	-
Golden Square WH - - -	12860	6	6	1	2	-	-	-	-	-	-	-	-	-	1	1
Berwick-street H - - -	20759	5	5	-	2	-	-	-	-	-	-	-	-	-	-	-
St. Anne Soho HHHHH - - -	17562	11	3	-	-	-	-	-	-	-	-	1	-	-	-	-
NORTH DISTRICTS.																
All Souls Marylebone HHHH - - -	28579	17	9	1	1	-	-	-	-	-	-	-	-	-	-	-
Cavendish Square HH - - -	15425	9	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone WH - - -	26384	16	28	6	9	-	-	-	-	2	-	-	-	1	-	-
St. Mary Marylebone HHH - - -	21786	19	6	1	2	-	1	-	-	-	-	-	-	-	-	-
Christchurch Marylebone H - - -	33944	27	12	3	2	-	-	-	-	-	-	1	-	2	1	1
St. John Marylebone H - - -	33136	18	7	2	-	-	-	2	-	-	-	-	-	1	-	-
Hampstead WwHH - - -	32281	19	9	-	1	8	-	-	-	-	-	-	-	-	-	-
Regent's Park Pancras - - -	38200	21	12	3	1	-	-	-	-	2	-	-	-	1	1	2
Tottenham-court wHHH - - -	29370	15	20	3	-	-	2	-	-	2	-	-	-	-	1	-
Gray's Inn Lane HHH - - -	29221	18	9	2	1	-	-	-	-	-	-	-	-	-	-	-
Somers Town - - -	38533	17	17	3	3	-	-	1	-	1	-	1	-	1	1	1
Camden Town WH - - -	17943	17	5	1	3	-	-	-	-	-	-	-	-	-	-	-
Kentish Town w - - -	68198	60	27	8	4	-	1	1	1	-	-	-	-	-	-	-
Islington West HHH - - -	97820	77	35	11	4	3	-	3	1	1	1	-	-	3	-	3
Islington East WwvH - - -	115958	85	47	13	10	1	1	-	-	1	-	-	-	1	-	-
Stoke Newington H - - -	9841	9	6	2	1	-	1	-	-	-	-	-	-	-	-	-
Stamford Hill - - -	6598	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney - - -	28069	19	8	1	2	-	-	-	-	1	-	-	-	-	-	-
Hackney WwvHL - - -	50104	30	32	4	7	7	1	1	-	-	-	1	1	1	1	1
South Hackney - - -	30339	36	14	2	3	1	-	1	-	-	-	-	-	-	-	-
CENTRAL DISTRICTS.																
St. George Bloomsbury - - -	17853	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles South WH - - -	19109	14	5	-	2	-	-	-	-	-	-	-	-	-	1	1
St. Giles North - - -	16594	7	7	2	1	-	-	-	-	-	-	-	-	1	-	-
Long Acre - - -	11379	4	3	1	1	-	-	-	-	-	-	-	-	-	-	-
Charing Cross HH - - -	9859	2	5	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand - - -	9878	8	3	-	1	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes H - - -	10723	3	3	-	-	-	1	-	-	-	-	-	-	-	-	-
St. George-the-Martyr HHHHH - - -	20521	8	9	1	1	-	1	-	-	1	-	-	-	-	1	1
St. Andrew Eastern W - - -	13529	6	9	1	2	-	-	-	-	-	-	-	-	-	-	-
Saffron Hill H - - -	9066	4	2	1	-	-	1	-	-	-	-	-	-	-	-	-
St. James Clerkenwell W - - -	18917	15	9	1	1	-	-	-	-	-	-	-	-	-	1	3
Amwell Clerkenwell - - -	16834	17	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentonville - - -	13337	8	2	-	-	-	1	-	-	-	-	-	-	-	-	-
Goswell-street - - -	16242	17	4	1	-	-	-	-	-	-	-	-	-	-	-	-
Old-street H - - -	12161	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-
City-road HHL - - -	18301	19	7	4	1	-	-	-	-	-	-	-	-	-	-	-
Whitecross-street - - -	13792	34	4	1	1	-	-	-	-	-	-	-	-	-	-	-
Finsbury - - -	10741	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph East London H - - -	14540	5	1	-	-	-	-	-	-	-	-	-	-	1	-	-
Cripplegate - - -	13638	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre H - - -	7562	-	14	1	4	-	-	-	-	-	-	-	-	1	3	3
St. Bride W - - -	11185	5	5	-	2	-	-	1	-	-	-	-	-	-	1	1
Castle Baynard - - -	4426	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - -	6270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - -	4753	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - -	5764	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad-street H - - -	7845	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see at the foot of next page.

PHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
30th June 1877.

				The DEATHS registered in the Week include															
REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	Deaths of		Deaths from												Inquest Cases.	Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.				
ST DISTRICTS.																			
Shoreditch	12430	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	
Shoreditch HL†	16545	20	7	1	1	-	-	-	-	-	-	-	-	-	-	-	1	2	
Town w	27835	23	18	1	10	-	1	-	-	-	-	-	-	-	-	-	1	9	
Town	26933	22	8	2	1	1	-	-	-	-	-	-	-	-	-	-	1	-	
West W	24162	14	14	1	3	-	2	-	-	-	-	-	-	-	-	1	-	4	
East H	19259	18	9	1	-	-	3	-	-	1	-	-	-	-	-	-	-	-	
St. George's	29822	25	9	3	2	-	2	-	-	-	-	-	-	-	-	1	-	-	
St. George's WHL†	42433	31	21	7	3	2	2	-	-	-	-	-	-	-	-	-	1	4	
St. George's	26577	23	12	-	3	-	1	-	-	-	1	-	1	-	-	-	-	-	
St. George's	21272	17	10	5	2	-	1	1	-	-	-	-	-	-	-	-	1	-	
St. George's H	22499	12	10	2	-	-	1	-	-	-	-	-	-	-	-	1	-	2	
St. George's Town W	15550	13	14	2	4	-	-	-	-	-	-	-	-	-	-	1	-	9	
St. George's North	11597	10	5	4	-	-	-	-	-	-	-	-	-	-	-	2	-	-	
St. George's Church H	7322	5	8	-	2	-	-	-	-	-	-	-	-	-	-	-	4	8	
St. George's Fields	10381	8	3	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
St. George's	9224	5	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
St. George's East	17900	12	10	4	1	-	1	-	-	-	-	-	1	-	-	1	-	-	
St. George's East	21350	5	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. George's East W	8802	9	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
St. George's	11640	4	6	2	-	-	-	-	-	-	-	-	-	-	-	1	1	2	
St. George's	16131	8	6	-	2	-	-	-	-	-	-	-	1	-	-	-	1	-	
St. George's	29919	16	4	1	2	-	-	-	-	-	-	-	-	-	-	1	-	-	
St. George's Town Western	38128	30	19	8	1	-	-	-	-	-	1	-	-	-	-	2	-	-	
St. George's Town Eastern WwH	55024	46	18	5	4	2	-	-	-	-	-	-	1	-	-	1	-	3	
St. George's	67765	75	36	5	5	-	-	2	-	-	1	-	-	-	-	1	4	16	
St. George's	48611	42	16	3	3	-	-	-	-	-	1	-	-	-	-	1	2	5	
TH DISTRICTS.																			
Southwark WH	14573	8	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-	1	
Southwark H	15677	8	7	2	-	-	1	1	-	-	-	-	-	-	-	1	-	-	
St. George's WH	20421	8	9	5	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
St. George's HL	16695	12	14	6	2	-	1	1	-	-	-	-	-	-	-	1	-	2	
St. George's	18961	14	9	2	-	1	2	-	-	-	-	-	-	-	-	-	-	-	
St. George's	23682	15	10	4	1	1	1	-	-	-	-	-	-	-	-	-	-	-	
St. George's W	48248	49	35	8	7	3	1	-	-	-	1	-	1	-	-	-	-	7	
St. George's	16792	9	5	-	2	1	-	-	-	-	1	-	-	-	-	1	-	-	
Southwark H	4373	4	14	-	1	-	-	-	-	-	-	-	-	-	-	-	5	11	
St. George's W	10500	4	4	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-	
St. George's	16787	9	7	2	-	-	2	-	-	-	-	-	-	-	-	-	1	-	
St. George's W	15709	14	8	3	-	-	-	-	-	-	-	-	-	-	-	2	-	4	
St. George's	47933	47	18	4	-	-	-	-	-	-	-	-	-	-	-	1	1	-	
St. George's W	27096	22	11	-	2	-	-	-	-	-	1	-	-	-	-	1	1	2	
St. George's 1st H	14074	10	7	2	3	-	-	-	-	-	-	-	-	-	-	1	-	3	
St. George's 2nd H	18465	15	9	3	-	-	1	-	-	-	-	-	-	-	-	-	2	2	
St. George's 1st H	19492	12	18	-	3	-	1	-	-	-	-	-	-	-	-	-	6	18	
St. George's 2nd WW	35833	23	21	7	4	-	1	1	-	-	-	-	-	-	-	1	2	4	
St. George's	41286	32	16	4	4	-	-	-	1	-	-	-	-	-	-	1	1	-	
St. George's	31221	27	7	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. George's	35435	24	20	3	3	2	-	-	-	-	-	-	-	-	-	-	-	10	
St. George's	12536	5	5	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	
St. George's	27347	25	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. George's HL	54016	66	36	13	4	2	-	2	-	1	-	1	1	1	2	3	5	-	
St. George's	19783	7	10	5	-	-	1	1	-	-	-	-	-	-	-	-	1	5	
St. George's	9439	9	5	2	2	-	-	-	-	-	-	-	-	-	-	1	1	-	
St. George's	14475	12	4	-	1	-	-	-	-	-	-	-	-	-	-	1	1	-	
St. George's WL†L†	4041	1	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
St. George's	31254	23	12	-	4	-	-	-	-	1	-	-	-	-	-	-	-	8	
St. George's	42160	35	18	5	1	2	-	-	-	-	-	-	1	1	-	-	-	-	
St. George's	38851	28	9	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. George's w	53714	43	21	5	6	-	1	-	-	-	-	-	-	-	-	2	-	-	
St. George's Deptford	6474	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. George's est	21034	11	12	4	3	-	-	-	-	1	-	-	1	-	-	-	-	-	
St. George's WH	19378	12	11	2	2	-	-	1	-	2	-	-	-	-	-	-	-	3	
St. George's	4539	2	2	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	
St. George's WH	16440	10	4	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	
St. George's	11513	10	5	-	3	-	-	-	-	-	-	-	-	-	-	-	-	3	
St. George's	18065	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. George's	9564	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. George's	17226	15	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. George's WHH	18331	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. George's	13027	9	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. George's W	15232	11	9	-	5	-	-	-	-	-	-	-	-	-	-	-	-	7	

WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the

London Sick Asylum in Tottenham-court sub-district.
Kentish Town sub-district.

Workhouse in Islington East sub-district.

Workhouse " Hackney sub-district.

Workhouse " Hoxton New Town sub-district.

Workhouse " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and
Bow sub-district.

Stepney Bow sub-district.

Poplar & Stepney Sick Asylum

Westminster Union Industrial School in Battersea sub-district.

Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-

ney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 30th June 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Houses.
						Deaths of		Deaths from											
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.				
	LONDON—OUTER RING	368,414	631,381	489	233	55	54	4	5	3	2	3	6	6	8	13			
29: 1	Carshalton W - - -	12228	13523	10	3	-	2	-	-	-	-	-	-	-	-	-	-		
2	Epsom (part of) * WH -	9971	9145	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
36: 1	Godstone (part of) * - -	2754	900	2	2	1	1	-	-	-	-	-	-	-	-	-	-		
37: 1	Croydon WWH - - -	20851	71319	46	26	7	6	-	-	-	1	-	-	1	1	2	2		
2	Mitcham WH - - -	11697	12534	6	5	3	-	-	1	-	-	1	-	-	-	-	2		
38: 1	Wimbledon HH - - -	3220	9087	2	1	-	-	-	-	-	-	-	1	-	-	-	-		
2	Kingston WH - - -	8549	27489	26	7	2	-	-	-	-	-	1	-	-	-	-	-		
3	Esher (part of) * - - -	6601	7353	2	4	-	1	-	-	-	-	-	-	-	2	2	-		
4	Hampton - - -	4573	10185	10	3	1	1	-	-	-	-	-	-	-	-	-	-		
39: 1	Richmond WH - - -	2271	16829	8	7	2	1	-	-	1	-	-	1	1	-	-	-		
2	Mortlake - - -	2961	9316	11	3	3	-	-	-	-	-	-	-	1	-	-	-		
40: 1	Bromley (part of) * HH -	15669	19509	18	14	3	4	-	-	-	-	-	-	-	-	1	-		
2	Chislehurst (part of) * W -	13665	10028	7	-	-	-	-	-	-	-	-	-	-	-	-	-		
41: 1	Bexley H - - -	13439	19566	12	10	1	3	1	1	-	-	-	2	-	1	1	1		
123: 1	Sunbury W - - -	11055	9360	5	3	-	1	-	-	-	-	-	-	-	-	-	1		
2	Staines W - - -	13277	10339	12	3	-	2	-	-	-	-	-	1	-	-	-	-		
124: 1	Hillingdon WH - - -	6029	9712	8	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Uxbridge - - -	6178	5329	5	2	-	1	-	-	-	-	-	-	-	-	-	-		
3	Hayes WL - - -	14587	10497	11	6	-	1	-	-	-	-	-	-	-	-	-	-		
125: 1	Isleworth W - - -	7008	19930	12	12	2	3	-	-	-	-	-	-	-	2	2	3		
2	Twickenham - - -	2477	10533	7	3	1	-	-	-	-	-	-	-	-	-	-	-		
3	Brentford HL - - -	4370	20279	19	7	3	1	-	-	-	-	-	-	-	-	-	-		
4	Chiswick - - -	1311	8508	10	4	1	1	-	-	-	-	-	-	-	-	-	-		
5	Acton WH - - -	6087	12683	13	1	-	-	-	-	-	-	-	-	-	-	-	-		
126: 1	Harrow H - - -	13809	10869	4	2	-	-	-	-	-	-	-	-	-	-	1	-		
2	Edgware - - -	6994	3450	1	1	-	1	-	-	-	-	-	-	-	-	-	-		
3	Willesden - - -	4383	15869	15	4	1	1	-	-	-	-	-	-	1	-	-	-		
4	Hendon WH - - -	8382	6972	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
127: 1	South Mimms - - -	15419	5924	4	4	1	-	-	-	-	-	1	-	-	-	-	-		
2	Barnet W - - -	5423	7752	4	3	-	1	-	-	-	-	-	-	-	-	-	-		
3	Finchley L - - -	4688	11493	8	7	1	3	-	-	-	-	-	-	-	-	-	-		
128: 1	Hornsey H - - -	3039	19357	19	6	4	1	-	1	-	-	-	-	-	-	-	-		
2	Tottenham H - - -	4642	22869	12	9	-	3	-	-	1	-	-	-	-	-	1	4		
3	Edmonton WW - - -	7483	13860	11	11	3	1	-	-	1	-	-	-	-	-	-	-		
4	Enfield WH - - -	12653	16054	18	-	-	-	-	-	-	-	-	-	-	-	-	-		
5	Waltham Abbey - - -	11017	5197	5	-	-	-	-	-	-	-	-	-	-	-	-	-		
6	Cheshunt - - -	8493	7518	5	2	-	2	-	-	-	-	-	-	-	-	-	-		
134: 1	Hatfield (part of) * - -	3180	559	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
136: 1	Bushey - - -	9028	6472	2	2	1	1	-	-	-	-	-	-	-	-	-	-		
185: 1	Stratford - - -	882	23286	17	16	3	2	1	-	-	-	-	-	1	1	1	2		
2	West Ham WWW - - -	7345	44642	56	19	5	4	2	-	-	1	-	-	-	-	-	-		
3	Leyton WW - - -	4274	15513	8	8	1	2	-	2	-	-	-	-	-	-	-	-		
4	Walthamstow H - - -	6619	15701	20	8	3	1	-	-	-	-	-	1	-	-	-	-		
186: 1	Chigwell (part of) * H -	10483	8169	2	1	1	-	-	-	-	-	-	-	-	-	-	-		
188: 1	Romford (part of) * - -	6730	2879	3	1	-	1	-	-	-	-	-	-	-	-	-	-		
2	Ilford - - -	8492	5947	4	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Barking Town - - -	4128	6576	2	2	1	1	-	-	-	-	-	-	1	-	-	-		

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134: 1, only the parish of Northaw in Hatfield sub-district; 186: 1, the whole of the Chigwell sub-district, except the parish of Thoydon-Bot (pop. 798); 188: 1, only the parish of Dagenham in Romford sub-district.

8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 30th June, 1877.

THE METROPOLITAN DISTRICT.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from										Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
LONDON	446,494	4,367,547	18·3	3·0	1533	330	291	48	50	27	8	31	32	56	60	308		
LONDON -	78,080	3,533,484	19·2	3·3	1300	275	237	44	45	24	6	28	26	50	52	281		
INNER RING -	368,414	834,063	14·6	1·8	233	55	54	4	5	3	2	3	6	6	8	27		

The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 6·4 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 18 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles on one side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 28 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS. Stillborn.	ANNUAL DEATH- RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
COLCUTTA -	429,535	May 26	-	200	24·2	Enteric fever 11; simple fever 53.
BOMBAY -	644,405	" 29	-	841	67·9	Small-pox 19; cholera 122.
MADRAS -	397,552	" 25	-	-	-	-
PARIS -	1,988,806	June 28	-	852	22·3	Small-pox 2; measles 12.
NEVA* -	67,829	" 23	23	29	22·3	-
BRUSSELS -	188,609	" 23	101	91	25·0	Small-pox 6.
AMSTERDAM -	289,981	" 23	185	150	26·3	Measles 7.
ROTTERDAM -	136,231	" 23	106	69	26·2	-
THE HAGUE -	104,095	" 23	68	54	27·0	-
COPENHAGEN -	215,000	" 26	146	83	20·1	Diarrhoea 13.
STOCKHOLM -	146,845	" 16	-	94	33·3	Scarlet fever 6.
CHRISTIANIA -	79,000	" 23	56	32	21·1	-
BERLIN -	997,269	" 9	806	712	37·0	Scarlet fever 17.
HAMBURG (State) -	393,588	" 9	309	215	28·5	Measles 8.
BRISBEN -	202,295	" 16	139	120	30·8	Diphtheria and croup 5.
BRISLAU -	246,813	" 23	211	153	31·0	-
PRAGUE -	209,000	" 23	182	171	42·7	Diphtheria and croup 7; diarrhoeal diseases 42.
VENICE -	714,548	" 23	558	343	25·0	Small-pox 5.
BUDA-PESTH -	315,401	" 16	265	235	38·8	Typhus 12; whooping-cough 6.
ROME -	278,099	" 9	133	103	19·2	Diphtheria and croup 11; small-pox 4.
PARIS -	454,948	" 10	-	254	29·1	Diphtheria 5.
PARIS -	223,488	" 16	133	133	31·7	Typhoid fever and typhus 7.
NICE -	139,796	" 16	74	74	27·4	Typhoid fever 3.
ALEXANDRIA -	212,034	" 16	180	213	52·4	Whooping-cough 9.
NEW YORK -	1,077,228	" 2	-	430	20·8	Scarlet fever 23; diphtheria 21.
BROOKLYN -	527,830	" 2	-	209	20·6	Scarlet fever 25.
PHILADELPHIA -	850,856	" 9	-	528	20·1	Small-pox 7; typhoid fever 13.
BOSTON -	363,000	" 2	-	139	19·9	Diphtheria 7.

* With suburbs, including Genf, Plain-palais, and Eaux-Vives.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 30th JUNE, 1877.
[Under the Superintendence of the Astronomer Royal.]

MOON.		READINGS OF THERMOMETERS.										DIFFERENCE				WIND.				RAIN.					
		Baro-METER.		Dry.		Dew Point.	Highest in the sun, as shown by self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by self-registering Thermometers.	In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between Dew Point and Air Temperature.		Degree of Humidity, complete Saturation being represented by 100.		As deduced from Anemometers.		Collected in a Gauge whose receiving surface is 5 in. above the ground.								
Phases of Moon.		Mean daily reading (corrected and reduced to 32 deg. Fahrenheit.)	High-est.	Low-est.	Range in day.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Least.	Great-est.	Mean of 24 Obs.	General Direction.		Pressure on square foot	Amount of Horizontal Movement of Air each day.	Robinson's.	Amount of Depart-ure from surface of Air each day.						
		in.												lbs.	lbs.	lbs.	Miles.	Miles.	Inches						
JUNE.	SUN. 24	29.948	72.2	44.8	27.4	56.4	39.7	125.0	36.9	67.3	0.0	26.3	16.7	0.8	NNW.	NNW.	186	—	43	0.00					
	MON. 25	29.969	74.8	44.2	30.6	57.8	43.3	131.2	36.5	66.3	1.1	27.9	14.5	0.9	WSW. & W.	WSW. & W.	219	—	14	0.00					
	TUES. 26	29.927	72.2	50.2	22.0	59.5	52.1	42.9	67.1	64.3	1.0	13.1	7.4	3.6	WSW.	WSW.	395	+	156	0.00					
	WED. 27	29.989	73.2	54.8	18.4	61.5	48.5	116.4	47.4	66.5	2.6	22.9	13.0	0.8	WSW. W. & N.	NNW. & N.	227	—	23	0.01					
	THURS. 28	30.070	79.6	46.2	33.4	62.1	45.6	125.0	38.6	66.3	0.4	29.4	16.5	0.2	NNW. WSW. & W.	NNW. WSW. & SW.	178	—	78	0.00					
	FRI. 29	30.044	85.5	55.5	30.0	68.9	46.8	48.2	66.3	64.8	5.8	34.7	22.1	1.2	WSW.	SW. & SSW.	281	+	21	0.00					
	SAT. 30	29.996	80.1	54.0	26.1	65.0	56.3	121.0	43.9	66.7	2.6	16.7	8.7	0.0	WSW. & W.	N. & E.	158	—	107	0.00					
	MEANS .	29.992	76.8	50.0	26.8	61.6	47.5	126.0	42.1	66.6	1.9	24.4	14.1	..	WSW. & NNW.	WSW. & NNW.	Sum 1644	Sum	88	Sum 0.01					
	No. of Col.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending December 31, 1845.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873.

* In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and - "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 29.82 in. at the beginning of the week to 30.06 in. by 9h. A.M. on the 25th; decreased to 29.91 in. by 9h. P.M. on the 26th; increased to 30.06 in. by 9h. A.M. on the 27th; and decreased to 29.95 in. by 9h. P.M. on the 28th.

DATE.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
JUNE.					
SUNDAY	24	{ No electricity was shown throughout the week. }	12.1	16.6	A fine day; partially cloudy.
MONDAY	25		8.5	16.6	Fine; partially cloudy.
TUESDAY	26		3.8	16.5	Fine and partially cloudy in morning; overcast with occasional thin rain after noon.
WEDNESDAY	27		4.5	16.5	Overcast with rain in morning; fine afterwards and thin clouds generally prevailed. A very fine solar halo seen during the greater part of the afternoon.
THURSDAY	28		10.7	16.5	A very fine day. Light clouds and haze prevailed.
FRIDAY	29		12.5	16.5	A very fine day. The amount of cloud was small.
SATURDAY	30		6.3	16.5	Haze and light cloud prevailed in the morning; generally cloudy afterwards. A fine day.
			Sum 58.4	Sum 115.7	

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

O. 27. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, JULY 7. [Price 1½d.

*General Register Office, Somerset House,
July 9th, 1877.*

UNITED KINGDOM.

DURING last week 5506 *births* and 3064 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2442. The mortality from all causes was at the average rate of 20 deaths annually in every 1000 persons living. The annual death-rate was 18 per 1000 in Edinburgh, 22 in Glasgow, and 20 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Brighton 9, Norwich 14, Portsmouth 14, Sunderland 17, Leicester 17, Nottingham 17, Sheffield 17, Bristol 17, Bradford 18, Leeds 19, London 20, Hull 20, Wolverhampton 20, Birmingham 20, Newcastle-upon-Tyne 21, Liverpool 22, Plymouth 22, Manchester 22, Oldham 23, and Salford 25. The annual death-rate from the seven principal zymotic diseases averaged 3·5 per 1000 in the twenty towns, and ranged from 0·6 and 0·9 in Nottingham and Leicester, to 5·7 and 6·7 in Wolverhampton and Salford. The deaths from small-pox in the twenty towns, which had steadily declined from 92 to 4 in the eight preceding weeks, further fell to 29 last week, of which 23 occurred in London, 5 in Liverpool, and one in Salford. Scarlet-fever showed fatal prevalence in Wolverhampton.

LONDON.

In LONDON 2220 BIRTHS and 1322 DEATHS were registered. Allowing for increase of population, the births were 40, and the deaths 72, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two preceding weeks had been equal to 18·8 and 19·2 per 1000, further rose last week to 19·5.

The 1322 deaths included 23 from small-pox, 44 from measles, 18 from scarlet fever, 9 from diphtheria, 35 from whooping-cough, 19 from different forms of fever, and 96 from diarrhoea; thus to the seven principal diseases of the zymotic class 244 deaths were referred, against 210 and 223 in the two preceding weeks. These 244 deaths were 73 below the corrected average number from the same diseases in the corresponding week of the last ten years. The 44 fatal cases of measles exceeded the corrected weekly average by 11, including 19 in the East, and 12 in the North groups of districts; 7 occurred in Bethnal Green, 6 in Hackney, 5 in Pancras, 4 in Whitechapel, and 4 in Mile End Old Town. Three deaths from scarlet fever were returned in Bow, 2 in Belgrave, 2 in St. John (Marylebone), and 2 in Eltham. Two fatal cases of diphtheria occurred in Bow. Of the 35 deaths from whooping-cough, 12 were returned in South London. The 19 deaths referred to fever showed a decline from the numbers registered in the two previous weeks, and included 6 certified as typhus, 10 as enteric or typhoid, and 3 as simple continued fever. Of the 6 deceased typhus patients, 2 died at 29, George Gardens, Bethnal Green; one at 90, Cable Street, St. George-in-the-East (the second recent death from typhus in this house); one at 26, Longfellow Road, Mile End Old Town; one at 66, King and Queen Street, Walworth; and one at the Stockwell Fever Hospital, admitted from 16, North Terrace, Pancras. Two deaths from infantile fever were recorded at St. Saviour's Maternity Hospital at Islington.

The fatal cases of small-pox, which in the eight preceding weeks had slowly but readily declined from 78 to 44, further fell last week to 23, a lower number than in any week since the beginning of November last. The 23 included 14 which were recorded in the Metropolitan Asylum Hospitals, one in the Pancras Small-pox Hospital, and 8 in private dwellings. After distributing the 15 fatal hospital cases, it appears that 6 of the deceased small-pox patients had resided in the East, and 8 in the South groups of districts. The death from small-pox of the third unvaccinated child in a family living at 215, Burdett Road, Mile End, was registered last week.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which in the six preceding weeks, had steadily declined from 964 to 664, further decreased last week to 641 ; the number of new cases admitted, however, which had been but 93 and 97 in the two previous weeks, rose again last week to 146. The Highgate Small-pox Hospital contained 44 patients on Saturday last, against 39 at the end of the previous week.

Notwithstanding the recent cool temperature the fatal cases of diarrhœa, which in the five previous weeks had risen from 13 to 50, further increased to 96 last week, of which 80 were of infants under one year of age ; this number, however, was 34 below the corrected average number in the corresponding week of the last ten years. Six deaths were referred to choleraic diarrhœa and to English cholera ; 3 occurred in Southwark (including two adult cases), and one each in Islington, Bethnal Green, and Poplar.

The deaths referred to diseases of the respiratory organs further declined to 144, and were 15 below the corrected average weekly number.

Different forms of violence caused 56 deaths ; 50 were the result of negligence or accident, including 25 from fractures and contusions, 10 from drowning, 2 from poison, and 12 of infants under one year of age from suffocation. The 25 deaths from fractures and contusions were thus caused : three males aged 2, 4, and 35, run over by vans ; female 4, run over by a cart ; female 74, fell from an omnibus ; male 39, injured by spokes of a wagon wheel ; male 61, kicked by a horse ; females one and 3, fell from windows ; male 25, fracture of skull in a lift at the "Criterion ;" female 10 months, fell down stairs ; male 10, fell in ship's hold ; male 45, fell from mast-head ; male 60, fell into area ; male 12, crushed by steam roller ; male 36, fractured leg when stepping backwards ; male one, fell from bed ; male 46, fell from bales of wool ; male 39, fell from plank ; male 19, fell from a height (nature of height not stated) ; male 55, killed by accidental blow ; male 43, fractured skull ; male 51, from fall (nature of fall not stated) ; two females, aged 77 and 91, from fracture of femur. An inquest was held in each of the 25 cases, except the two last, and that of an infant aged 10 months who fell down stairs ; these three were certified by registered medical practitioners.

The death of an inmate of the Whitechapel Workhouse referred to "hæmorrhage from an incision in the throat" was certified by the medical officer, and was not the subject of an inquest.

In the large Public Institutions 255 deaths were recorded, or 19 per cent. of the total deaths ; of these, 153 occurred in Workhouse Establishments, 100 in Hospitals, and 2 in Lunatic Asylums. The London Fever Hospital contained 79 patients on Saturday last, of whom 64 were under treatment for scarlet fever, 8 for enteric fever, and 3 for measles.

GREATER LONDON.

In Greater London 2682 births and 1528 deaths were registered, equal to annual rates of 32·0 and 18·3 per 1000 of the population. In the Outer Ring, 3 fatal cases of small-pox were registered in West Ham, 2 in Croydon, one in Stratford, and one in Edmonton ; 11 deaths were referred to diarrhœa.

Dr. Frankland reports as the result of his analysis of the waters supplied to the Metropolis and some of its suburbs during June, that taking unity to represent the average amount of organic impurity in a given volume of the Kent Company's water during the last nine years, the proportional amount of such impurity in an equal volume of water supplied by each of the other Companies, and by the Tottenham Local Board was :—Tottenham 0·4, Colne Valley 0·6, New River 1·3, Kent 1·4, Grand Junction 2·5, West Middlesex 2·6, East London 2·9, Lambeth 3·1, Chelsea 3·5, and Southwark 4·1. All the Metropolitan Companies drawing their supplies from the Thames and Lea, delivered efficiently filtered water, except the Southwark Company, whose water was slightly turbid from inefficient filtration, the suspended matter being "full of moving organisms ;" the Southwark water also contained an excessive proportion of organic impurity. The deep well waters, delivered by the Kent and Colne Valley Companies, and by the Tottenham Local Board, were of the usual excellent quality. The Colne Valley water was softened previously to delivery.

Dr. Hill reports that the water supplied by the Corporation to Birmingham showed a larger amount of organic impurity, and owing to imperfect filtration was turbid, and contained vegetable fibres. The Loch Katrine water supplied to Glasgow is reported by Dr. Mills to have contained muddy particles and fibres, insect life, and traces of iron.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 20, Bombay 58; Paris 23; Geneva 20; Brussels 22; Amsterdam 27, Rotterdam 29, The Hague 24; Copenhagen 21; Stockholm 26; Christiania 19; Berlin 38, Hamburg 21, Dresden 30; Breslau 27; Vienna 24, Buda-Pesth 41; Rome 22, Naples 32, Turin 31, Venice 29; Alexandria 35; New York 21, Brooklyn 19, Philadelphia 19, and Boston 16.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·82 in.; the lowest reading was 29·70 in. on Friday, and the highest 30·01 in. at the end of the week. The mean temperature of the *air* was 58°·2, and 3°·2 below the average in the corresponding week of the 60 years 1814-73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was considerably below the average on each day of the week; the coldest day was Saturday, when the mean was only 53°·3, and the deficiency 5°. The lowest night temperature was 44°·2 on Saturday, and the highest day temperature in the shade 75°·3 on Wednesday; the extreme range in the week was, therefore, 31°·1. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 144°·8 on Thursday. The difference between the mean dew-point and *air* temperature averaged 9°·5. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 65°·8. The mean degree of *humidity* of the air was 71, complete saturation being represented by 100; the air was therefore dry. The general direction of the *wind* was westerly, and the horizontal movement of the air averaged 10·1 miles per hour, which was 0·6 below the average in the corresponding week of 16 years. *Rain* fell on six days of the week to the aggregate amount of 0·63 of an inch. The duration of registered sunshine in the week was 46·0 hours, out of the 114·9 hours that the sun was above the horizon.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of JUNE 1877; according to their returns 132,570,858 gallons or 602,330 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 248·5 gallons (2·9 decalitres) rather more than a *ton* by weight, to each house, and 35·0 gallons (15·9 decalitres) to each person, against 33·0 gallons during June 1876.

COMPANIES.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for domestic consumption) during the Month of	
	JUNE 1876.	JUNE 1877.	JUNE 1876.	JUNE 1877.
TOTAL SUPPLY . . .	526,541	533,440	123,192,817	132,570,858
from Thames	248,181	250,780	63,824,721	67,349,512
from Lea and from other Sources . . .	278,360	282,660	59,368,096	65,221,346
THAMES.				
Chelsea	28,675	28,741	8,109,400	8,554,000
West Middlesex	48,116	49,372	10,834,702	11,993,533
Southwark and Vauxhall	80,498	78,297	19,560,200	19,120,000
Grand Junction	36,616	37,683	12,166,819	12,588,979
Lambeth	54,276	56,687	13,153,600	15,093,000
LEA AND OTHER SOURCES.				
New River	124,323	125,261	26,653,000	29,254,000
East London	109,375	111,967	24,984,000	27,642,400
Kent	44,662	45,432	7,731,096	8,324,946

Note.—The Return for June 1877, as compared with that for the corresponding month of 1876, shows an increase of 6,899 houses, and an increase of 9,378,041 gallons of water supplied daily.

ANALYSIS OF METROPOLITAN WATER SUPPLY DURING JUNE.

Royal College of Chemistry, South Kensington Museum,
26th June 1877.

I HAVE to report to you in the following Table the results of the chemical analysis of the waters supplied to the inner and portions of the outer circle of the Metropolis during the month of June.

I append, also, the results obtained in the analyses of the water supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Water Company's water during the last nine years as unity, the proportional amount in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health was:—Tottenham 0·4, Colne Valley 0·6, New River 1·3, Kent 1·4, Grand Junction 2·5, West Middlesex 2·6, East London 2·9, Lambeth 3·1, Chelsea 3·5, Southwark 4·1.

The river waters delivered by the Chelsea, West Middlesex, Grand Junction, Lambeth, and East London Companies were all efficiently filtered, and contained about the average summer proportion of organic impurity. That delivered by the New River Company was also efficiently

filtered, and contained a remarkable small proportion of organic matter. On the other hand the Southwark Company's water was slightly turbid from inefficient filtration, and the suspended matter was full of moving organisms. It also contained a much larger poportion of organic impurity than was found in any of the other Metropolitan waters.

The water supplied from artesian wells to the inner circle by the Kent Company, and to the outer circle by the Colne Valley Company and the Tottenham Local Board of Health was bright, sparkling, and of most excellent quality for dietetic purposes. The Colne Valley water was also soft and suitable for washing.

Seen through a stratum two feet deep, the Kent, Colne Valley, and Tottenham waters were clear and colourless ; the New River, clear and very nearly colourless ; the East London, Lambeth, and Grand Junction, clear and very pale yellow ; the West Middlesex, and Chelsea, clear and very pale brown ; and the Southwark, turbid and brownish.

Dr. Hill, the Medical Officer of Health for Birmingham, reports that the water supplied to that town "exhibited a larger amount of organic impurity this month, due largely to imperfect " filtration, as proved by its turbidity and the presence of vegetable fibres."

Dr. Mills, F.R.S., Professor of Technical Chemistry in the Andersonian University, Glasgow, reports that the water supplied to that city from Loch Katrine was "very pale brown. The " sample contained a decided amount of muddy particles and fibres, and an entomostracous insect " visible to the eye. Iron traceable."

I am, &c.
E. FRANKLAND.

The Registrar General, &c. &c.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

COMPANIES OR LOCAL AUTHORITIES.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Mat- ters.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Ni- trogen, as Ni- trates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES :	°								
	Chelsea - - - { 7th June, Cab Rank, Horse Guards. }	14·5	26·94	·186	·018	0	·218	·236	1·60	18·9
	West Middlesex - { 7th June, Cab Rank, Portland-road. }	15·8	26·40	·133	·018	0	·202	·220	1·60	18·4
	Southwark and Vauxhall - { 7th June, Cab Rank, St. George's Church, Borough. }	15·8	27·14	·217	·027	0	·188	·215	1·60	19·7
	Grand Junction - { 7th June, Lancaster-gate, Hyde Prk. }	13·3	27·20	·122	·024	0	·179	·203	1·60	19·1
	Lambeth - - - { 7th June, Cab Rank, Westminster Bridge-road. }	15·0	29·60	·156	·024	0	·196	·220	1·70	20·3
	OTHER SOURCES :									
	New River - - { 7th June, Cab Rank, Tottenham-court-road. }	15·3	25·96	·065	·009	0	·224	·233	1·60	19·4
Outer Circle.	East London - { 7th June, Royal Hotel, Mile-End-rd. }	14·8	27·08	·150	·023	0	·189	·212	1·75	19·4
	Kent - - - { 11th June, Deptford Bridge Police Station. }	13·5	43·14	·066	·014	0	·459	·473	2·48	28·7
	Colne Valley - - { 7th June, Main at Bushey. }	13·3	15·50	·033	·004	0	·353	·357	1·35	7·3
	Tottenham - - { 15th June, High Street, Tottenham. }	—	46·64	·016	·009	0	·475	·484	3·20	27·1
Corporation of Birmingham* - - - { 4th June, 1 Court, Canal-street. }		15·5	24·38	·333	·054	·002	·153	·208	2·0	15·6
Corporation of Glasgow † { 18th June, Loch Katrine service. }		11·7	3·20	·163	·011	0	·004	·015	·72	·95
Column 1.		2,	3.	4,	5.	6.	7.	8.	9.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the Borough.
† Analysed by Dr. E. J. Mills, F.R.S., of the Andersonian University, Glasgow.

The Table is to be read thus: the Chelsea Company's water, collected on the 7th June at the Horse Guards cab-rank, had a temperature of 14°·5 C. ; 100,000 lbs. of it contained 26·94 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·186 lb. of carbon and ·018 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·218 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·236 lb. The above weight of water also contained 1·60 lb. of chlorine; and 18·9 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday the 7th July 1877.

TOWNS.	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 7th July 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.		In Inches.	In Centimetres.
ENGLAND & WALES (including London & the Channel Islands.)	212,881	8,144,940	38·3	5506	3064	80·0	40·4	56·1	13·39	0·56	1·42
London	75,362	3,533,484	46·9	2220	1322	75·3	44·2	58·2	14·55	0·63	1·60
Manchester	2,354	102,264	43·4	57	18	70·1	47·2	58·2	14·55	0·11	0·28
Birmingham	4,486	127,144	28·3	89	34	70·8	47·8	57·7	14·28	0·49	1·24
Glasgow	7,472	84,023	11·2	52	22	70·5	46·8	57·1	13·95	1·19	3·02
Edinburgh	1,395	72,911	52·3	39	31	72·5	45·0	58·0	14·44	0·14	0·36
Liverpool	4,452	202,950	45·6	131	68	72·7	42·2	56·4	13·55	0·72	1·83
Sheffield	3,396	73,389	21·6	49	28	74·2	43·7	55·1	12·84	0·57	1·45
Cardiff	8,400	377,436	44·9	245	151	-	-	-	-	-	-
Swansea	3,200	117,461	36·7	87	38	68·8	44·0	55·7	13·17	0·36	0·91
Southampton	1,996	95,025	47·6	61	31	75·8	42·2	56·9	13·83	0·17	0·43
Reading	5,210	527,083	101·2	386	223	64·0	43·8	53·4	11·89	1·77	4·50
Leamington	4,293	359,213	83·7	262	154	80·0	45·0	57·9	14·39	0·53	1·35
Wolverhampton	5,170	141,184	27·3	133	68	67·6	42·2	52·8	11·56	0·63	1·60
Nottingham	4,666	89,796	19·2	100	40	-	-	-	-	-	-
Leeds	7,220	179,315	24·8	129	61	70·8	45·2	55·3	12·95	0·28	0·71
Bradford	21,572	298,189	13·8	241	110	73·0	44·0	56·1	13·39	0·33	0·84
York	19,651	282,130	14·4	218	93	68·0	42·0	54·8	12·67	0·25	0·63
Gloucester	3,635	140,002	38·5	102	53	70·0	44·0	55·5	13·06	0·56	1·42
Exeter	3,306	110,382	33·4	92	35	73·0	49·0	56·9	13·83	0·18	0·46
South-ON-TYNE	5,371	142,231	26·5	106	57	-	-	-	-	-	-
Newcastle	4,191	218,729	52·2	137	77	68·0	45·0	55·0	12·78	1·08	2·74
Sheffeld	6,033	555,933	92·1	435	230	64·0	46·5	54·7	12·61	0·72	1·83
Sheffeld	10,050	314,666	31·3	135	120	69·6	40·4	55·3	12·95	0·55	1·40

* Names of the Meteorological Observers in the several towns, see note at foot of Table 4.
† Figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by the addition of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population of Dublin is taken as stationary at the number enumerated in April 1871.

—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,055,612 persons, and in DUBLIN, during the Week ending Saturday the 7th July 1877.

TOWNS, &c.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from											
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.				
DOWNS -	19·5	3·5	2637	734	479	29	75	54	18	98	39	155	107	160	400		
- -	19·5	3·6	1322	378	236	23	44	18	9	35	19	96	56	86	255		
- -	9·2	1·0	18	4	4	-	-	-	-	2	-	-	-	-	3		
H - -	14·0	2·5	34	7	8	-	-	-	-	-	2	4	-	1	2		
- -	13·7	1·2	22	6	9	-	-	-	-	-	-	2	1	1	5		
- -	22·2	4·3	31	5	12	-	-	3	-	1	-	2	1	3	1		
- -	17·5	3·3	68	21	16	-	2	-	-	5	3	3	2	3	7		
MPTON -	19·9	5·7	28	7	7	-	-	7	-	-	1	-	2	3	7		
M - -	20·9	3·9	151	45	21	-	5	2	4	8	2	7	4	11	19		
- -	16·9	0·9	38	10	14	-	-	-	1	-	-	1	-	1	5		
M - -	17·0	0·6	31	5	12	-	-	1	-	-	-	-	-	1	6		
- -	22·1	3·8	223	69	23	5	1	3	1	15	3	10	14	15	31		
GB - -	22·4	4·4	154	23	32	-	10	8	1	8	-	3	3	7	22		
- -	25·1	6·7	68	21	8	1	5	2	-	2	2	6	1	1	6		
- -	23·2	3·5	40	13	5	-	-	-	1	3	1	1	1	-	3		
- -	17·8	2·0	61	14	14	-	-	-	1	4	1	1	3	4	4		
- -	19·3	4·0	110	33	14	-	6	4	-	6	2	5	2	3	9		
- -	17·2	2·2	93	34	11	-	1	2	-	5	1	3	4	3	4		
- -	19·8	1·5	53	14	11	-	-	1	-	-	1	2	5	7	2		
ID - -	16·5	3·3	35	11	9	-	-	1	-	1	-	5	2	2	3		
-ON-TYNE	20·9	4·0	57	14	13	-	1	2	-	3	1	4	6	8	6		
- -	19·9	3·3	120	17	27	-	14	-	-	-	2	4	6	3	42		

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the TWENTY-SEVENTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	1919	2093	1996	2026	1929	2202	2151	2195	2330	2282	2112·3	2220
Males . .	982	1050	1022	1057	979	1102	1088	1149	1186	1184	1079·9	1139
Females . .	937	1043	974	969	950	1100	1063	1046	1144	1098	1032·4	1081
TOTAL Deaths	1130	1516	1279	1497	1200	1193	1198	1293	1400	1322	1302·8	1322
Males . .	572	773	643	800	618	602	631	675	738	677	672·9	707
Females . .	558	743	636	697	582	591	567	618	662	645	629·9	615

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867–76, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Apr. 14.	Apr. 21.	Apr. 28.	May 5.	May 12.	May 19.	May 26.	June 2.	June 9.	June 16.	June 23.	June 30.	July 7.
TOTAL Deaths - - -	1714	1532	1557	1490	1613	1564	1392	1443	1429	1315	1271	1300	1322
0–20 - - -	778	740	722	708	745	758	651	688	692	663	632	609	691
20–40 - - -	233	219	212	220	241	200	211	233	226	180	188	205	189
40–60 - - -	314	257	281	274	280	272	243	241	239	218	217	249	206
60–80 - - -	315	264	289	241	297	265	250	234	224	207	199	196	194
at 80 years & upwds.	74	52	53	47	50	69	37	47	48	47	35	41	42
Deaths of children { Under 1 year -	378	356	345	334	325	341	293	304	282	287	306	275	378
{ 1–5 - - -	277	272	277	260	310	318	249	268	286	260	222	224	207
{ 5–20 - - -	123	112	100	114	110	99	109	116	124	116	104	110	106
Deaths from 7 principal Zymotic Diseases }	208	223	213	189	245	246	220	236	220	218	210	223	244
„ „ Small-pox - - -	60	68	89	54	78	70	69	61	58	55	44	44	23
„ „ Measles - - -	58	41	47	44	45	59	56	69	65	61	42	45	44
„ „ Scarlet fever - -	18	25	14	16	24	20	21	28	19	14	14	24	18
„ „ Diphtheria - - -	5	6	3	2	4	4	3	8	6	7	7	6	9
„ „ Whooping-cough -	42	46	30	43	58	59	34	41	40	38	35	28	35
„ „ Typhus fever - - -	2	4	4	3	2	2	1	3	1	4	5	6	6
„ „ Enteric (or Typhoid) fever - }	8	17	11	13	12	6	16	11	11	9	12	15	10
{ Simple Continued fever -	2	5	3	5	2	4	7	2	4	3	5	5	3
„ „ Diarrhœa - - -	13	11	12	9	20	22	13	13	16	27	46	50	96
„ „ Simple Cholera - -	-	-	-	-	-	-	-	-	-	-	2	2	6
„ „ Dis. of Respiratory Organs - }	420	343	349	327	355	338	303	259	251	199	166	162	144
„ „ Phthisis - - -	199	162	167	192	208	149	155	174	174	163	161	198	176
„ „ Heart Diseases - -	89	91	88	92	93	91	86	91	77	67	67	77	62
Violent Deaths - - -	59	65	51	46	53	48	36	58	59	76	62	52	56
Inquest Cases - - -	129	116	87	84	85	104	82	92	101	116	94	86	86
Deaths in Public Institutions	334	294	346	296	334	315	277	300	293	275	272	281	255
TEMPERATURE OF THE AIR:													
Mean - - - - -	46·9	42·5	44·7	41·3	49·2	51·1	49·1	53·7	60·4	62·2	63·3	61·6	58·2
Mean of Highest readings -	55·9	49·8	54·4	51·4	61·6	60·6	57·5	63·6	74·4	75·1	77·6	76·8	71·6
Mean of Lowest readings -	41·6	37·0	37·6	35·1	38·8	45·3	44·5	46·7	48·7	51·7	51·5	50·0	48·9
Mean Temperature of the Water of the Thames - }	50·9	48·9	48·3	48·4	50·1	54·4	53·9	55·4	58·8	64·3	67·3	65·6	65·8
Humidity of the Air - - -	83	76	78	72	71	82	74	73	68	72	63	61	71
Rain-fall in inches - - -	1·73	0·35	0·08	0·20	0·24	0·80	0·23	0·28	0·07	0·41	0·01	0·01	0·63
Registered Sunshine (in hours)	9·4	14·1	26·6	21·2	52·7	19·5	13·5	44·0	70·3	68·9	67·0	58·4	46·0

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-SEVENTH Week of the Year 1877.

CAUSE OF DEATH.		Average in the Twenty-seventh Weeks of the 10 years 1867-76.*	In the Week ending Saturday, July 7, 1877.								CAUSES OF DEATH.		Average in the Twenty-seventh Weeks of the 10 years 1867-76.*	In the Week ending Saturday, July 7, 1877.							
			Deaths of Persons of the Ages											Deaths of Persons of the Ages							
			ALL AGES.	Under 20.			40.	60.	80.	80 Years and upwards.				ALL AGES.	Under 20.			40.	60.	80.	80 Years and upwards.
		Mean Tem.	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.		Mean Tem.	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.					
Temperature	-	63°0	58°2						Mean Temperature	-	63°0	58°2									
AGES		1302·8	1322	378	207	106	189	206	194	42	9. Stricture of Intestines		1·2	2	-	-	-	2	-		
CAUSES		1291·9	1318	374	207	106	189	206	194	42	10. Fistula		·1	1	-	-	1	-			
DISEASES											11. Stomach Disease, &c.		6·8	14	3	1	-	3	7		
ORDER 1.											12. Pancreas Disease, &c.		·1	-	-	-	-	-	-		
K		27·0	23	-	6	10	4	3	-	-	13. Hepatitis		2·9	4	-	-	-	1	3		
ever		30·9	44	12	29	3	-	-	-	-	14. Jaundice		4·3	5	2	-	1	2			
ia		43·3	18	-	10	6	2	-	-	-	15. Liver Disease, &c.		17·6	23	-	1	7	6			
		5·4	9	-	4	4	-	-	1	-	16. Spleen Disease, &c.		·7	1	-	-	-	1	-		
		·9	-	-	-	-	-	-	-	-	ORDER 5.										
g-cough		10·8	10	1	8	1	-	-	-	-	1. Nephritis		1·9	4	-	1	-	-	1	-	
TyphoidFev.		39·5	35	18	16	1	-	-	-	-	2. Ischuria		·3	1	-	-	-	1	-		
continuedFev.		29·2	6	-	2	2	1	1	-	-	3. Bright's Dis.(Nephria)		9·6	14	-	-	2	10	2		
Fev.(Metria)		6·9	3	-	1	1	-	1	-	-	4. Diabetes		1·6	1	-	-	-	1	-		
e		2·6	5	3	-	-	1	1	-	-	5. Calculus (Stone)		·8	-	-	-	-	-	-		
		1·1	6	-	-	-	1	4	1	-	6. Cystitis		1·2	4	-	-	1	1	2		
		·2	-	-	-	-	-	-	-	-	7. Kidney Disease, &c.		8·1	12	2	-	1	2	5		
y		2·2	8	5	1	-	1	1	-	-	ORDER 6.										
cholera		121·3	96	80	12	1	-	1	2	-	1. Ovarian Dropsy		·5	1	-	-	1	-	-		
et Fever		6·6	6	3	1	-	-	1	1	-	2. Uterus Disease, &c.		5·0	3	-	-	1	1	1		
ism		·4	1	-	-	-	1	-	-	-	ORDER 7.										
Notic Diseases		7·0	12	-	-	2	2	5	3	-	1. Synovitis (Arthritis)		·3	-	-	-	-	-	-		
ORDER 2.		·3	2	1	-	1	-	-	-	-	2. Joint Disease, &c.		4·7	11	1	3	5	1	-		
of Urethra		7·4	6	5	1	-	-	-	-	-	ORDER 8.										
bia		1·2	-	-	-	-	-	-	-	-	1. Phlegmon		1·2	7	-	-	2	1	3		
		·2	-	-	-	-	-	-	-	-	2. Ulcer		·8	1	-	-	-	1	-		
ORDER 3.		·3	-	-	-	-	-	-	-	-	3. Skin Disease, &c.		1·2	-	-	-	-	-	-		
Breast-milk-		11·1	14	14	-	-	-	-	-	-	IV. DEVELOPMENTAL DISEASES.										
nd Scurvy		1·5	4	1	2	-	1	-	-	-	ORDER 1.										
Del. Tremens		3·1	2	-	-	-	2	-	-	-	1. Premature Birth		21·1	17	17	-	-	-	-		
ntemperance		1·1	1	-	-	-	1	-	-	-	2. Cyanosis		1·4	3	3	-	-	-	-		
ORDER 4.		4·2	6	4	2	-	-	-	-	-	3. Spina Bifida		1·6	-	-	-	-	-	-		
zo.		·3	1	-	1	-	-	-	-	-	4. Other Malformations		1·6	4	4	-	-	-	-		
MUTATIONAL.											5. Teething		14·7	11	7	4	-	-	-		
ORDER 1.		2·6	1	-	-	-	1	-	-	-	ORDER 2.										
		10·2	10	2	-	2	1	2	3	-	1. Paramenia		·3	-	-	-	-	-	-		
Oris (Noma)		31·6	19	-	-	-	1	8	10	-	2. Childbirth (see Puer-		5·7	7	-	-	5	2	-		
tion		2·8	2	1	-	-	-	-	1	-	peral Fever)		-	-	-	-	-	-	-		
ORDER 2.		9·8	11	4	5	2	-	-	-	-	ORDER 3.										
enterica		24·4	28	19	8	1	-	-	-	-	1. Old Age		37·4	42	-	-	-	-	21	21	
halus		154·9	176	2	10	19	93	46	6	-	ORDER 4.										
DISEASES.		29·3	26	11	14	1	-	-	-	-	1. Atrophy and Debility		71·3	63	52	2	-	2	7	-	
ORDER 1.											V. VIOLENT DEATHS, &c.										
		18·4	40	10	12	10	3	4	1	-	ORDER 1.										
		31·5	38	1	4	1	2	9	15	6	(ACCIDENT OR NEGLIGENCE.)										
		25·0	28	-	-	3	3	18	4	-	1. Fractures & Contusions		16·0	25	1	6	3	5	5	4	1
		3·0	-	-	-	-	-	-	-	-	2. Wounds { Gunshot		·6	-	-	-	-	-	-	-	
		·1	-	-	-	-	-	-	-	-	3. Burns and Scalds		2·4	-	-	-	-	-	-	-	
		5·6	8	1	-	1	2	2	2	-	4. Poison		1·2	2	-	1	-	1	-		
ase, &c.		43·2	40	30	10	-	-	-	-	-	5. Drowning		9·6	10	-	1	4	3	1	1	
ORDER 2.		15·9	23	-	1	3	3	8	8	-	6. Suffocation		7·5	12	12	-	-	-	-	-	
		2·5	-	-	-	-	-	-	-	-	7. Otherwise		2·4	1	-	-	1	-	-	-	
		2·6	5	-	-	-	3	2	-	-	ORDER 3.										
ase, &c.		61·9	57	1	-	3	13	19	19	2	(HOMICIDE.)										
ORDER 3.											1. Murder & Manslaughter		2·3	1	1	-	-	-	-	-	
		4·7	3	1	-	1	-	-	1	-	ORDER 4.										
		78·9	66	19	5	1	3	13	21	4	SUICIDE.)										
		3·0	6	-	-	1	-	2	2	-	1. Wounds { Gunshot		·3	-	-	-	-	-	-	-	
ia		48·4	46	7	15	2	3	13	5	1	2. Wounds { Cut, Stab		1·2	1	-	-	-	1	-	-	
ase, &c.		4·9	3	-	-	1	1	1	1	-	3. Poison		1·1	-	-	-	-	-	-	-	
ORDER 4.		10·8	21	6	5	-	3	2	4	1	4. Drowning		1·0	1	-	-	-	1	-	-	
		2·2	2	1	-	-	-	-	1	-	5. Hanging		1·6	3	-	-	1	2	-	-	
		6·7	7	4	-	1	1	1	-	-	5. Otherwise		·4	-	-	-	-	-	-	-	
		4·5	2	-	-	-	-	2	-	-	ORDER 5.										
		1·8	3	-	1	-	-	1	1	-	(EXECUTION.)										
of Intestines		2·6	3	-	-	2	-	1	1	-	1. Hanging		-	-	-	-	-	-	-	-	
		2·3	3	-	-	1	1	1	-	-	ViolentDeaths(not classed)										
		3·6	2	-	1	-	1	-	-	-	Sudden Deaths (Cause		1·7	1	1	-	-	-	-	-	
ception		1·0	1	-	-	-	1	-	-	-	unascertained)		-	-	-	-	-	-	-	-	
											Causes not specified or		9·2	3	3	-	-	-	-	-	
											ill-defined		-	-	-	-	-	-	-	-	

Averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1877.

Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.		Enu- me- rated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include														Inquest Cases.	Deaths in Public Institutions.
					Deaths of		Deaths from													
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.				
LONDON		3,254,260	2220	1322	378	236	23	44	13	9	35	6	10	3	96	56	86	235		
WEST DISTRICTS		561,359	306	212	67	37	2	4	3	-	8	-	-	1	13	9	14	43		
NORTH DISTRICTS		751,729	553	272	83	56	9	12	4	4	5	-	3	-	23	4	12	46		
CENTRAL DISTRICTS		334,369	170	122	31	11	-	4	2	-	1	-	-	-	8	9	15	25		
EAST DISTRICTS		639,111	490	329	100	53	4	19	4	3	9	4	1	-	32	18	28	71		
SOUTH DISTRICTS		967,692	701	387	97	79	8	5	5	2	12	2	6	2	21	16	17	72		
WEST DISTRICTS.																				
St. Mary Paddington WH		58728	33	23	18	7	-	-	-	-	1	-	-	-	-	1	3	4		
St. John Paddington H		38085	9	14	1	1	-	2	-	-	2	-	-	-	-	1	1	5		
Kensington Town W		91645	55	25	9	3	-	-	-	-	1	-	-	-	5	1	1	2		
Brompton H		28654	21	7	1	1	-	-	-	-	-	-	-	-	-	-	-	3		
St. Peter Hammersmith		6662	8	3	1	1	-	-	-	-	1	-	-	-	-	1	1	-		
St. Paul Hammersmith H		36029	28	10	1	2	-	-	1	-	-	-	-	-	2	-	-	-		
Fulham WwH		23350	19	18	5	3	1	-	-	-	-	-	-	-	-	-	-	5		
Chelsea South HHH		26420	23	15	9	-	-	-	-	-	-	-	-	-	-	-	-	-		
Chelsea North-west WHHHH		22926	9	13	6	3	1	-	-	-	1	-	-	-	2	-	-	2		
Chelsea North-east		21392	19	11	3	2	-	-	-	-	-	-	-	-	1	-	-	-		
Hanover Square H		18698	11	4	3	1	-	-	-	-	-	-	-	-	-	-	-	-		
May Fair Ww		13358	7	2	1	1	-	-	-	-	-	-	-	-	-	-	-	1		
Belgrave HH		57972	16	35	10	5	-	-	2	-	2	-	-	1	2	4	4	11		
St. John Westminster HH		38478	15	9	3	2	-	-	-	-	-	-	-	-	-	-	-	5		
St. Margaret Westminster WH		27781	8	10	2	4	-	-	-	-	-	-	-	-	-	-	-	-		
Golden Square WH		12860	8	2	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
Berwick-street H		20759	9	6	2	-	-	1	-	-	-	-	-	-	-	1	1	-		
St. Anne Soho HHHHH		17562	8	5	1	1	-	1	-	-	-	-	-	-	-	-	-	1		
NORTH DISTRICTS.																				
All Souls Marylebone HHHH		28579	18	10	1	4	-	-	-	1	-	-	-	-	-	-	1	2		
Cavendish Square HH		15425	3	3	-	2	-	-	-	-	-	-	-	-	-	-	1	11		
Rectory Marylebone WH		26384	17	17	-	9	-	-	-	-	-	-	-	-	-	-	-	-		
St. Mary Marylebone HHH		21786	29	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
Christchurch Marylebone H		33944	20	8	3	4	-	-	-	-	-	-	-	-	2	-	-	-		
St. John Marylebone H		33136	18	16	6	1	-	-	2	1	1	-	-	-	3	-	-	-		
Hampstead WwHH		32281	23	19	4	2	6	-	-	-	-	-	-	-	-	1	2	6		
Regent's Park Pancras		38200	26	7	3	1	-	-	-	-	-	-	-	-	-	-	-	7		
Tottenham-court WHHH		29370	14	11	2	1	-	2	-	-	-	-	-	-	1	-	2	1		
Gray's Inn Lane HHH		29221	19	13	6	1	-	-	-	-	-	-	-	-	-	1	-	-		
Somers Town		38533	25	15	6	1	-	2	-	1	-	-	-	-	4	-	-	2		
Camden Town W		17943	11	8	3	2	1	-	-	-	-	-	-	-	1	-	-	3		
Kentish Town w		68198	66	27	10	3	-	1	-	-	1	-	-	-	2	-	-	8		
Islington West HHH		97320	60	24	7	4	-	1	1	-	2	-	1	-	1	1	1	1		
Islington East WwvH		115958	94	40	15	12	-	-	-	1	-	-	2	-	4	-	-	-		
Stoke Newington H		9841	15	7	2	2	-	1	-	-	-	-	-	-	-	-	-	-		
Stamford Hill		6598	4	2	1	-	-	2	-	-	-	-	-	-	-	-	-	-		
West Hackney		28069	21	8	2	2	-	1	-	-	1	-	-	-	-	-	-	-		
Hackney WwvHL		50104	37	26	6	4	2	2	1	-	-	-	-	-	2	1	2	-		
South Hackney		30339	33	8	4	-	-	-	-	-	-	-	-	-	2	-	-	-		
CENTRAL DISTRICTS.																				
St. George Bloomsbury		17853	7	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
St. Giles South WH		19109	12	5	1	1	-	-	-	-	-	-	-	-	-	-	1	-		
St. Giles North		16594	3	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Long Acre		11379	2	6	2	1	-	-	-	-	-	-	-	-	-	-	-	2		
Charing Cross HH		9859	1	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. Mary-le-Strand		9378	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Clement Danes H		10723	5	4	-	-	-	-	1	-	-	-	-	-	-	-	-	-		
St. George-the-Martyr HHHHH		20521	9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew Eastern W		13529	5	13	3	1	-	-	-	-	-	-	-	-	3	-	2	-		
Saffron Hill H		9066	4	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. James Clerkenwell W		18917	10	6	2	1	-	-	-	-	-	-	-	-	1	1	-	-		
Amwell Clerkenwell		16884	13	5	3	-	-	-	-	-	-	-	-	-	2	-	-	-		
Pentonville		13337	6	8	2	1	-	1	-	-	-	-	-	-	-	1	1	-		
Goswell-street		16242	11	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
Old-street H		12161	4	3	1	-	-	1	-	-	-	-	-	-	1	-	-	2		
City-road HHL		18301	24	6	3	-	-	-	-	-	-	-	-	-	-	-	1	-		
Whitecross-street		13792	7	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
Finsbury		10741	5	4	1	1	-	-	-	-	-	-	-	-	-	1	1	-		
St. Botolph East London H		14540	11	8	3	-	-	1	-	-	1	-	-	-	1	-	1	-		
Cripplegate		13638	8	1	-	-	-	-	1	-	-	-	-	-	-	-	-	10		
St. Sepulchre H		7562	4	15	2	1	-	-	-	-	-	-	-	-	-	4	4	-		
St. Bride W		11185	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Castle Baynard		4426	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Christchurch		6270	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-		
Queenhithe		4753	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Allhallows Barking		5764	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Broad Street H		7845	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-		

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 7th July 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Houses.
						Deaths of		Deaths from											
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.				
	LONDON—OUTER RING	368,414	631,381	462	206	57	51	7	2	2	3	3	5	11	7	9			
29: 1	Carshalton <i>W</i> - - -	12228	13523	3	2	-	-	-	-	-	-	-	-	-	-	-	-		
2	Epsom (<i>part of</i>) * <i>WH</i> -	9971	9145	4	2	-	-	-	-	-	1	-	-	-	-	-	-		
36: 1	Godstone (<i>part of</i>) * - -	2754	900	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
37: 1	Croydon <i>WWH</i> - - -	20851	71319	44	25	7	3	2	-	-	1	2	1	1	1	1	1		
2	Mitcham <i>WH</i> - - -	11697	12534	9	1	-	-	-	-	-	-	-	-	-	-	-	-		
38: 1	Wimbledon <i>HH</i> - - -	3220	9087	9	3	1	1	-	-	-	-	-	-	-	-	-	-		
2	Kingston <i>WH</i> - - -	8549	27489	25	10	2	4	-	1	-	-	-	-	1	1	1	1		
3	Esher (<i>part of</i>) * - - -	6601	7353	7	1	-	1	-	-	-	-	-	-	-	-	-	-		
4	Hampton - - -	4573	10185	9	4	1	2	-	-	1	-	-	-	-	-	-	-		
39: 1	Richmond <i>WH</i> - - -	2271	16829	7	3	2	-	-	-	-	-	-	-	-	-	-	-		
2	Mortlake - - -	2961	9316	7	3	1	1	-	-	-	-	-	-	-	-	-	-		
40: 1	Bromley (<i>part of</i>) * <i>HH</i> -	15669	19509	15	2	1	1	-	-	-	-	-	-	-	-	-	-		
2	Chislehurst (<i>part of</i>) * <i>W</i> -	13665	10028	5	5	3	1	-	-	-	-	-	-	-	1	1	1		
41: 1	Bexley <i>H</i> - - -	13439	19566	8	4	1	2	-	-	-	-	-	-	-	1	1	1		
123: 1	Sunbury <i>W</i> - - -	11055	9860	5	2	-	-	-	-	-	-	-	-	-	-	-	-		
2	Staines <i>W</i> - - -	13277	10339	-	3	-	3	-	-	-	-	-	-	-	-	-	-		
124: 1	Hillingdon <i>WH</i> - - -	6029	9712	11	2	-	1	-	-	-	-	-	-	-	-	-	-		
2	Uxbridge - - -	6178	5329	5	2	-	-	-	-	-	-	-	-	-	-	-	-		
3	Hayes <i>WL</i> - - -	14537	10497	6	4	-	1	-	-	-	-	-	-	-	1	1	1		
125: 1	Isleworth <i>W</i> - - -	7008	19930	13	8	2	3	-	-	-	-	-	-	-	-	-	-		
2	Twickenham - - -	2477	10533	11	2	1	1	-	-	-	-	-	-	-	-	-	-		
3	Brentford <i>HL</i> - - -	4370	20279	7	4	-	3	-	-	-	-	-	-	-	-	-	-		
4	Chiswick - - -	1311	8508	10	4	3	-	-	-	-	-	1	-	-	-	-	-		
5	Acton <i>WH</i> - - -	6087	12683	7	3	2	-	-	-	-	-	-	-	2	1	1	1		
126: 1	Harrow <i>H</i> - - -	13809	10869	10	3	-	3	-	-	-	-	-	-	-	-	-	-		
2	Edgware - - -	6994	3450	2	3	-	1	-	-	-	-	-	-	-	-	-	-		
3	Willesden - - -	4383	15869	12	4	-	-	-	1	-	-	-	-	-	-	-	-		
4	Hendon <i>WH</i> - - -	8382	6972	10	4	2	-	-	-	-	-	-	-	-	-	-	-		
127: 1	South Mimms - - -	15419	5924	7	2	-	-	-	-	-	-	-	1	-	-	-	-		
2	Barnet <i>W</i> - - -	5423	7752	4	1	1	-	-	-	-	-	-	-	-	-	-	-		
3	Finchley <i>L</i> - - -	4688	11493	9	11	2	5	-	-	-	1	-	-	-	-	-	-		
128: 1	Hornsey <i>H</i> - - -	3039	19357	18	6	3	1	-	-	-	-	-	-	-	-	-	-		
2	Tottenham <i>H</i> - - -	4642	22869	22	12	5	2	-	-	-	-	-	1	1	-	1	1		
3	Edmonton <i>WW</i> - - -	7483	13860	10	9	1	4	1	-	1	-	-	-	-	-	-	-		
4	Enfield <i>WH</i> - - -	12653	16054	3	4	-	1	-	-	-	-	-	-	-	-	-	-		
5	Waltham Abbey - - -	11017	5197	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
6	Cheshunt - - -	8493	7518	4	1	1	-	-	-	-	-	-	-	-	-	-	-		
134: 1	Hatfield (<i>part of</i>) * - -	3180	559	-	1	-	1	-	-	-	-	-	1	-	-	-	-		
136: 1	Bushey - - -	9028	6472	5	-	-	-	-	-	-	-	-	-	-	-	-	-		
185: 1	Stratford - - -	882	23236	15	14	3	2	1	-	-	-	-	-	2	-	-	-		
2	West Ham <i>WWWW</i> - - -	7345	44642	60	17	7	-	3	-	-	-	-	-	1	-	-	-		
3	Leyton <i>WW</i> - - -	4274	15513	6	5	2	2	-	-	-	-	-	-	-	1	1	1		
4	Walthamstow <i>H</i> - - -	6619	15701	14	4	-	-	-	-	-	-	-	1	-	-	-	-		
186: 1	Chigwell (<i>part of</i>) * <i>H</i> -	10483	8169	8	1	1	-	-	-	-	-	-	-	1	-	-	-		
188: 2	Romford (<i>part of</i>) * - -	6730	2379	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
3	Ilford - - -	8492	5947	9	1	1	-	-	-	-	-	-	-	-	-	-	-		
3	Barking Town - - -	4128	6576	4	2	1	1	-	-	-	-	-	-	-	-	-	-		

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 5031); 134: 1, only the parish of Northaw in Hatfield sub-district; 186: 1, the whole of the Chigwell sub-district, except the parish of Tholdon-Burg (pop. 798); 188: 1, only the parish of Dagenham in Romford sub-district.

8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 7th July 1877.

E TER DON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from										Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.			
(LONDON	446,494	4,367,547	18·3	3·3	1528	435	287	30	46	20	12	38	24	107	63	282		
LONDON -	78,080	3,533,484	19·5	3·6	1322	378	236	23	44	18	9	35	19	96	56	255		
RING -	368,414	834,063	12·9	2·1	206	57	51	7	2	2	3	3	5	11	7	27		

The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 6·4 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 122 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles on one side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 28 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH- RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
ACUTTA -	429,535	June 2	-	166	20·1	Enteric or typhd. fev. 11; simple cont ^d fever 24.
AMBAY -	644,405	" 5	-	720	58·1	Small-pox 21; cholera 109.
ANDRAS -	397,552	" 1	-	-	-	
BRIS -	1,988,806	July 5	-	878	23·0	Measles 14; typhoid fever 6.
BEVA* -	67,829	June 30	40	26	20·0	-
BUSSELS -	188,609	" 30	76	81	22·3	Small-pox 3.
AMSTERDAM -	289,981	" 30	189	155	27·2	Measles 4; typhus and typhoid fever 2.
AMSTERDAM -	136,231	" 30	101	77	29·3	-
LA HAGUE -	104,095	" 30	70	48	24·0	-
COPENHAGEN -	215,000	July 3	170	85	20·6	Diarrhœal diseases 8.
STOCKHOLM -	146,845	June 23	-	72	25·5	Scarlet fever 4; whoop- ing-cough 4.
CHRISTIANIA -	79,000	" 30	45	29	19·1	-
BERLIN -	997,269	" 16	806	733	38·2	Scarlet fever 17; diph- theria and croup 17.
AMBURG(State) -	393,588	" 16	263	158	20·9	Measles 5; typhus 3.
OSDEN -	202,295	" 23	150	116	29·8	Scarlet fever 3; diph- theria and croup 4.
OSLAU -	246,813	" 30	209	133	26·9	Scarlet fever 2.
WIMBICH -	209,000	" 30	-	-	-	
PRAGUE -	714,548	" 30	499	329	23·9	Small-pox 12; diphthe- ria 7.
BRATISLAVA -	315,401	" 23	259	250	41·2	Typhus 15; whooping- cough 10.
BRATISLAVA -	278,099	" 16	118	118	22·0	Diphtheria and croup 6.
BRATISLAVA -	454,948	" 17	-	276	31·6	Typhus 5; measles 4.
BRATISLAVA -	223,488	" 23	148	134	30·7	Typhoid fever and typhus 6.
BRATISLAVA -	139,796	" 23	64	77	28·7	Typhoid fever 2.
ALEXANDRIA -	212,034	" 23	138	144	35·4	Whooping-cough 8.
NEW YORK -	1,077,228	" 9	-	430	20·8	Scarlet fever 25; diph- theria 10.
BROOKLYN -	527,830	" 9	-	197	19·4	Scarlet fever 16; diph- theria 15.
PHILADELPHIA -	850,856	" 16	-	305	18·7	Typhoid fever 13.
CHICAGO -	363,000	" 9	-	109	15·6	Diphtheria 5.

* With suburbs, including Genf, Plain-palais, and Eaux-Vives.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 7th JULY, 1877.
[Under the Superintendence of the Astronomer Royal.]

MOON.		READINGS OF THERMOMETERS.										DIFFERENCE				WIND.				RAIN.						
Phases of Moon.	Mean daily reading (corrected and reduced to 32 deg. Fahr. height).	Dry				Dew Point.	Highest in the sun, as shown by a self-registering thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers.			Between Dew Point and Air Temperature.		Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*		Degree of Humidity, complete Saturation being represented by 100.		As deduced from Anemometers.				Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.			
		High-est.	Low-est.	Range in day.	Mean daily value.	Mean daily value.	Mean daily value.	Highest.	Lowest.	Greatest.	Least.	General Direction.		Pressure on square foot.		Amount of Horizontal Movement of Air each day.	Departure from Average of 16 years.									
												A.M.	P.M.	Greatest.	Least.			Mean of 24 Obs.								
1877.																										
MONTH AND DAY.																										
JULY.																										
SUN.	1	in.	29.844	64.6	52.0	12.6	57.4	52.2	89.5	46.0	66.8	65.3	5.2	11.6	0.2	3.8	83	Variable	NNW. & W.	0.4	0.0	0.0	141	129	0.25	1.5
MON.	2	In Equator	29.812	75.0	50.4	24.6	60.7	51.7	135.5	43.7	67.1	65.3	9.0	22.3	2.3	0.4	72	W. & NW.	W. & WSW.	0.3	0.0	0.0	191	82	0.01	0.5
TUES.	3	Last Qr.	29.828	73.4	47.7	25.7	59.8	49.3	133.8	40.7	67.1	65.8	10.5	21.2	0.8	1.4	69	WSW. & SW.	SW.	3.7	0.0	0.4	339	69	0.01	6.8
WED.	4	..	29.798	75.3	52.2	23.1	60.7	47.2	138.3	47.2	66.5	64.9	13.5	24.1	1.6	0.6	61	SW. & W.	W. & WSW.	1.3	0.0	0.0	242	21	0.00	6.8
THURS.	5	..	29.758	74.7	48.7	26.0	58.6	46.8	144.8	41.0	66.8	64.8	11.8	24.6	1.0	2.9	65	WSW.	SW.	3.4	0.0	0.1	272	22	0.18	5.0
FRI.	6	..	29.735	70.0	47.0	23.0	56.7	47.2	126.5	39.6	66.5	64.1	9.5	21.6	0.0	4.9	71	WSW. W. & WNW.	W.	2.7	0.0	0.1	240	2	0.06	0.0
SAT.	7	..	29.958	68.5	44.2	24.3	53.3	46.5	127.7	36.3	66.3	63.8	6.8	19.1	0.0	8.5	78	W. & NW.	WNW. & N.	2.7	0.0	0.2	272	45	0.12	0.0
MEANS .		..	29.819	71.6	48.9	22.8	58.2	48.7	128.0	42.1	66.7	64.9	9.5	20.6	0.8	3.2	71	W. & SW.		..	..	..	Sum 1697	Sum 94	0.63	2.9
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873. *In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and - "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

from 29.95 in. at the beginning of the week to 29.73 in. at the end of the week, the thermometer decreased 0.22 in. by the action of the wind, and 0.23 in. by the action of the sun, the total decrease being 0.45 in.

DATE.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
JULY.					
SUNDAY	1	{ No electricity was shown. }	0.5	16.5	Fine in early morning; overcast with rain till evening; fine and partially cloudy afterwards.
MONDAY	2		1.0	16.5	Generally cloudy. Occasional showers of rain, in evening.
TUESDAY	3	Weak electricity shown in morning; strong negative in evening, with sparks and galvanic currents.	9.9	16.4	Fine and partially cloudy till afternoon; showery with thunder in evening.
WEDNESDAY	4	No electricity was shown.	8.0	16.4	Fine; partially cloudy.
THURSDAY	5	{ Strong positive and negative electricity, with sparks and galvanic currents, was shown in the evening of the 5th, in the afternoon of the 6th, and in the forenoon of the 7th }	10.9	16.4	Fine and partially cloudy till afternoon; showery in evening, with lightning and thunder.
FRIDAY	6		8.3	16.4	Partially cloudy. Heavy rain in afternoon with lightning and thunder. Lightning also seen at night.
SATURDAY	7		7.4	16.3	Partially cloudy. Heavy rain just before noon; slight thunderstorm in evening, with rain.
			Sum	Sum	

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

[28. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, JULY 14. [Price 1½d.]

*General Register Office, Somerset House,
16th July, 1877.*

UNITED KINGDOM.

DURING last week 5491 *births* and 3337 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2154. The mortality from all causes was at the average rate of 21 deaths annually in every 1000 persons living. The annual death-rate was 21 per 1000 in Edinburgh, 19 in Glasgow, and 24 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Plymouth 12, Brighton 13, Hull 17, Portsmouth 18, Leicester 18, Nottingham 19, Bristol 19, Leeds 20, Newcastle-upon-Tyne 21, Oldham 21, Wolverhampton 21, London 21, Birmingham 22, Norwich 22, Bradford 22, Sunderland 22, Sheffield 23, Liverpool 24, Manchester and Salford 28. The fatal cases of small-pox in the twenty towns, which in the nine preceding weeks had steadily declined from 92 to 29, were 37 last week, of which 32 occurred in London, and 5 in Liverpool. Scarlet fever continues fatally prevalent in Wolverhampton.

LONDON.

IN LONDON 2310 BIRTHS and 1449 DEATHS were registered. Allowing for increase of population, the births exceeded by one, while the deaths were 27 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the three previous weeks had been equal to 18, 19·2, and 19·5 per 1000, further rose last week to 21·4.

The 1449 deaths included 32 from small-pox, 28 from measles, 21 from scarlet fever, 7 from diphtheria, 46 from whooping-cough, 21 from different forms of fever, and 169 from diarrhoea; thus to the seven principal diseases of the zymotic class 324 deaths were referred, against 210, 223, and 244 in the three preceding weeks. These 324 deaths were 51 below the corrected average number from the same causes in the corresponding week of the last ten years. The 46 deaths from whooping-cough showed an increase upon the numbers in recent weeks, and included 15 in the North and 15 in the South groups of districts; 8 occurred in Islington, 10 in Bethnal Green, and 3 in Clapham. The 28 fatal cases of measles included 13 in the West of London, of which 5 were returned in Shoreditch and 5 in Bethnal Green. Of the 21 deaths from scarlet fever, 3 occurred in Marylebone, and 5 in Lambeth; 7 in Lambeth included 3 in the Stockwell Fever Hospital. Two fatal cases of diphtheria occurred at 15, Russell Street, Covent Garden. The 21 deaths referred to enteric fever were 14 below the corrected average weekly number, and included one identified as typhus, 14 as enteric or typhoid, and 6 as simple continued fever. The death of a carman, aged 36 years, was returned as "typhus malignant, 4 days," at 1, Acorn Street, Camberwell. Two deaths were referred to enteric fever in West Ham. With reference to a fatal case of gastro-typhoid fever in Green Street, Bethnal Green, the certifying practitioner attributes the disease to accumulations of stinking decomposing fish and vegetable matter facing the premises."

The fatal cases of small-pox, which in the nine preceding weeks had steadily declined from 78 to 23, were 32 last week; these included 14 in the Metropolitan Asylum Hospitals, one in the Highgate Small-pox Hospital, and 17 in private dwellings. Of the deaths from small-pox in private dwellings, 2 occurred in Gough Street (Marylebone), 2 in Poplar, and 3 in Camberwell. After distributing the 15 fatal hospital cases, it appears that 10 of the deceased small-pox patients had resided in the South, and 9 in the East groups of districts. Small-pox is reported to be prevalent in Lambs Conduit Passage (Holborn), where a fatal case was registered last week.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which in the seven preceding weeks had steadily declined from 964 to 641, further declined last week to 618; the number of admissions, which had been 93, 97, and 146 in the three previous weeks, were 136 last week. The Highgate Small-pox Hospital contained 34 patients on Saturday last, against 44 at the end of the previous week.

The deaths referred to diarrhœa, which in the six previous weeks had risen from 13 to 96, further increased to 169 last week, which were, however, 21 below the corrected average weekly number; 134 were of infants under one year of age, and 27 of children aged between one and five years. The deaths referred to simple cholera and choleraic diarrhœa were 14, against 2 and 6 in the two previous weeks; 7 were adult cases, including two of 20 and 39 hours duration, respectively.

While the "Public Health (Metropolis) Bill" is before Parliament, it may be mentioned, as illustrative of the way in which some sanitary authorities of London discharge their duties, that the Holborn District Board and the Clerkenwell Vestry neglect to supply their Medical Health Officers, Dr. S. Gibbon and Dr. J. W. Griffith, with the weekly registered particulars of deaths occurring in their respective districts from infectious and other preventable diseases. They stand alone, in this respect, among the 39 Metropolitan District Boards and Vestries.

Different forms of violence caused 60 deaths; 52 were the result of negligence or accident, including 22 from fractures and contusions, 7 from burns and scalds, 8 from drowning, 5 from poison, and 7 of infants under one year of age from suffocation. The 22 deaths from fractures and contusions were thus caused: a male 49, fell from cab; male 5, and female 78, run over by cab; male 4, run over by cart; male 26, thrown from cart; male 45, fell from omnibus; male 1, run over by van; male 46, kicked by horse; male 18, fell from railway carriage; males 57 and 65, fell from scaffolds; female 23, fell from window; male 47, fell down stairs; male 56, fell from plank; male 32, fell down ship's hold; male 59, slipped from kerb in street; male 1, fracture of skull from fall (nature of fall not stated); male 57, crushed by fall of iron girder; female 55, fall of scaffold pole; male 12, head crushed by printing machine; male 60, fracture of ribs (nature of fracture not stated); male 38, injury to cervical vertebræ from diving into a bath. An inquest was held in 20 of these 22 cases; two were certified by registered medical practitioners, no inquests being held.

GREATER LONDON.

In Greater London 2778 births and 1716 deaths were registered, equal to annual rates of 33·2 and 20·5 per 1000 of the population. In the Outer Ring 4 fatal cases of small-pox were registered in West Ham, one at Hayes, and one at Edmonton; the fatal case at Hayes was of an unvaccinated child aged one year, brought in a canal barge from Paddington while suffering from the disease. Three more deaths from diphtheria were registered at Bromley (Kent), including 2 at New Bromley.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 18, Bombay 72; Madras 119; Paris 22; Geneva 25; Brussels 19; Amsterdam 25, Rotterdam 22, The Hague 17; Copenhagen 20; Stockholm 30; Christiania 22; Berlin 44, Hamburg 28, Dresden 28, Breslau 36, Munich 39; Vienna 24; Buda-Pesth 35, Rome 22, Naples 27, Turin 33, Venice 26; Alexandria 50; New York 20, Brooklyn 17, Philadelphia 17, and Boston 14. Cholera caused 205 deaths in Bombay, 203 in Madras, and 2 in Calcutta.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·82 in.; the lowest reading was 29·11 in. at the end of the week, and the highest 30·14 in. on Monday. The mean temperature of the *air* was 61°·1, and 1°·2 below the average in the corresponding week of the 60 years 1814-73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed an excess on Tuesday, Thursday, and Saturday, and a deficiency on each of the other days; on Sunday the mean was only 54°·1, and 7°·9 below the average, whereas on Tuesday it was 65°·7, and showed an excess of 3°·5. The lowest night temperature was 42°·6 on Sunday, and the highest day temperature in the shade 79°·0 on Tuesday and Thursday; the extreme range in the week was, therefore, 36°·4. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 144°·5 on Thursday. The difference between the mean *dew-point* and *air* temperature averaged 9°·5. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 64°·6. The mean degree of *humidity* of the air was 71, complete saturation being represented by 100; the air was therefore dry. The general direction of the *wind* was South-westerly, and the horizontal movement of the air averaged 10·9 miles per hour, which was 1·8 above the average in the corresponding week of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·37 inch. The duration of registered sunshine in the week was 40·5 hours, out of 113·6 hours the sun was above the horizon.

—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 14th July 1877.

TOWNS.	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 14th July 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.		In Inches.	In Centimetres.
London (N.)	212,881	8,144,940	38.3	5491	3337	79.2	40.6	58.4	14.66	0.90	2.29
Manchester	75,362	3,533,484	46.9	2310	1449	79.0	42.6	61.1	16.17	0.37	0.94
Birmingham	2,354	102,264	43.4	58	32	72.6	45.4	59.8	15.45	0.96	2.44
Leeds	4,486	127,144	28.3	68	43	69.7	47.6	58.5	14.72	0.02	0.05
Sheffield	7,472	84,023	11.2	60	35	79.2	45.0	61.1	16.17	0.12	0.30
Nottingham	1,395	72,911	52.3	40	17	70.5	45.0	57.2	14.00	0.27	0.69
Bradford	4,452	202,950	45.6	136	74	73.6	42.2	58.7	14.83	0.93	2.36
Gloucester	3,396	73,389	21.6	53	30	74.4	43.7	57.2	14.00	2.25	5.71
Southampton	8,400	377,436	44.9	275	157	-	-	-	-	-	-
Cardiff	3,200	117,461	36.7	85	41	-	-	-	-	-	-
Swansea	1,996	95,025	47.6	69	34	77.0	40.6	58.0	14.44	0.33	0.84
Exeter	5,210	527,083	101.2	372	242	66.3	53.8	57.8	14.34	1.39	3.53
Truro	4,293	359,213	83.7	234	170	-	-	-	-	2.28	5.79
Reading	5,170	141,184	27.3	131	76	69.8	42.3	56.3	13.50	1.78	4.52
Salisbury	4,666	89,796	19.2	81	36	-	-	-	-	-	-
Worcester	7,220	179,315	24.8	125	75	66.4	44.4	56.1	13.39	0.13	0.33
Gloucester	21,572	298,189	13.8	235	117	71.0	45.0	58.1	14.50	0.58	1.47
Leicester	19,651	282,130	14.4	206	124	73.0	46.0	57.8	14.34	1.05	2.67
Derby	3,635	140,002	38.5	113	46	75.0	43.0	59.6	15.34	0.90	2.29
Coventry	3,306	110,382	33.4	78	47	71.0	49.0	58.8	14.89	0.44	1.12
Liverpool	5,371	142,231	26.5	107	57	-	-	-	-	-	-
Manchester	4,191	218,729	52.2	128	89	68.8	49.6	58.3	14.61	1.04	2.64
Sheffield	6,033	555,933	92.1	370	202	65.0	47.2	56.4	13.55	1.00	2.54
Nottingham	10,050	314,666	31.3	157	144	72.4	51.8	60.7	15.95	1.28	3.25

* of the Meteorological Observers in the several towns, see note at foot of Table 4.
† for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by the addition of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population of Dublin is taken as stationary at the number enumerated in April 1871.

—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,055,612 persons, and in DUBLIN, during the Week ending Saturday the 14th July 1877.

S, &c.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from											
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.				
ANDERSON, LONDON (N.)	21.5	4.0	2902	830	516	37	60	48	13	121	46	216	97	161	463		
-	21.4	4.8	1449	447	255	32	28	21	7	46	21	169	60	96	271		
-	16.3	1.0	32	7	9	-	-	-	-	-	1	1	2	2	9		
-	17.6	1.6	43	13	8	-	-	1	-	1	-	2	2	4	6		
-	21.7	1.9	35	13	11	-	-	2	-	-	-	1	1	1	4		
-	12.2	0.0	17	4	4	-	-	-	-	-	-	-	1	1	2		
-	19.0	3.9	74	23	15	-	2	1	-	7	2	3	1	2	12		
PTON	21.3	7.1	30	7	5	-	-	8	-	1	-	1	-	-	6		
-	21.7	4.3	157	45	27	-	11	2	-	13	1	4	4	9	17		
-	18.2	2.2	41	14	7	-	-	1	-	-	-	4	2	3	3		
-	18.7	1.7	34	8	5	-	-	-	-	-	2	1	2	5	7		
-	24.0	4.1	242	66	37	5	4	2	1	15	6	8	6	7	30		
-	24.7	3.3	170	30	30	-	5	4	1	7	-	6	8	18	37		
-	28.1	3.7	76	26	15	-	1	1	1	1	2	4	1	2	7		
-	20.9	2.9	36	4	7	-	-	-	1	2	-	2	-	-	-		
-	21.8	2.6	75	16	15	-	-	1	-	6	-	2	-	-	2		
-	20.5	3.7	117	24	22	-	5	2	-	12	1	1	2	3	11		
-	22.9	3.5	124	37	24	-	3	-	1	4	5	6	-	1	19		
-	17.1	1.5	46	16	7	-	1	1	-	-	1	1	1	3	9		
-	22.2	1.9	47	13	6	-	-	1	-	-	3	-	3	3	3		
N-TYNE	20.9	2.9	57	17	7	-	-	-	1	6	1	-	1	1	8		
-	23.9	5.3	144	25	22	1	18	4	-	1	5	3	3	1	39		

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the TWENTY EIGHTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2127	2143	2051	2131	1904	2172	2217	2323	2203	2311	2158·2	2310
Males . .	1061	1111	1030	1072	959	1082	1142	1141	1081	1217	1089·6	1202
Females .	1066	1032	1021	1059	945	1090	1075	1182	1122	1094	1068·6	1108
TOTAL Deaths	1262	1505	1313	1498	1259	1285	1181	1534	1481	1475	1379·3	1449
Males . .	696	774	685	777	639	658	578	835	825	768	723·5	736
Females .	566	731	628	721	620	627	603	699	656	707	655·8	713

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867-76 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Apr. 21.	Apr. 28.	May 5.	May 12.	May 19.	May 26.	June 2.	June 9.	June 16.	June 23.	June 30.	July 7.	July 14.
TOTAL Deaths - - -	1532	1557	1490	1613	1564	1392	1443	1429	1315	1271	1300	1322	1449
0—20 - - -	740	722	708	745	758	651	688	692	663	632	609	691	795
20—40 - - -	219	212	220	241	200	211	233	226	180	188	205	189	182
40—60 - - -	257	281	274	280	272	243	241	239	218	217	249	206	217
60—80 - - -	264	289	241	297	265	250	234	224	207	199	196	194	223
at 80 years & upwds.	52	53	47	50	69	37	47	48	47	35	41	42	32
Deaths of { Under 1 year -	356	345	334	325	341	293	304	282	287	306	275	378	447
children { 1—5 - - -	272	277	260	310	318	249	268	286	260	222	224	207	227
{ 5—20 - - -	112	100	114	110	99	109	116	124	116	104	110	106	121
Deaths from 7 principal Zymo- totic Diseases } - - -	223	213	189	245	246	220	236	220	218	210	223	244	324
" " Smallpox - - -	68	89	54	78	70	69	61	58	55	44	44	23	32
" " Measles - - -	41	47	44	45	59	56	69	65	61	42	45	44	28
" " Scarlet Fever - -	25	14	16	24	20	21	28	19	14	14	24	18	21
" " Diphtheria - - -	6	3	2	4	4	3	8	6	7	7	6	9	7
" " Whooping-cough -	46	30	43	58	59	34	41	40	38	35	28	35	46
" " Typhus fever - - -	4	4	3	2	2	1	3	1	4	5	6	6	1
" " { Enteric (or Ty- phoid) fever - }	17	11	13	12	6	16	11	11	9	12	15	10	14
" " { Simple Cont'd fever	5	3	5	2	4	7	2	4	3	5	5	3	6
" " Diarrhœa - - -	11	12	9	20	22	13	13	16	27	46	50	96	169
" " Simple Cholera - -	-	-	-	-	-	-	-	-	-	2	2	6	14
" " Dis. of Respira- tory Organs - } - - -	343	349	327	355	338	303	259	251	199	166	162	144	159
" " Phthisis - - -	162	167	192	208	149	155	174	174	163	161	198	176	159
" " Heart Diseases - -	91	88	92	93	91	86	91	77	67	67	77	62	76
Violent Deaths - - -	65	51	46	53	48	36	58	59	76	62	52	56	60
Inquest Cases - - -	116	87	84	84	104	82	92	101	116	94	86	86	96
Deaths in Public Institutions	294	346	296	334	315	277	300	293	275	272	281	255	271
TEMPERATURE OF THE AIR:													
Mean - - - - -	42·5	44·7	41·3	49·2	51·1	49·1	53·7	60·4	62·2	63·3	61·6	58·2	61·1
Mean of Highest readings -	49·8	54·4	51·4	61·6	60·6	57·5	63·6	74·4	75·1	77·6	76·8	71·6	73·9
Mean of Lowest readings -	37·0	37·6	35·1	38·8	45·3	44·5	46·7	48·7	51·7	51·5	50·0	48·9	50·7
Mean Temperature of the } Water of the Thames - }	48·9	48·3	48·4	50·1	54·4	53·9	55·4	58·8	64·3	67·3	65·6	65·8	64·6
Humidity of the Air - - -	76	78	72	71	82	74	73	68	72	63	61	71	71
Rain-fall in inches - - -	0·35	0·08	0·20	0·24	0·80	0·23	0·28	0·07	0·41	0·01	0·01	0·63	0·37
Registered Sunshine (in hours)	14·1	26·6	21·2	52·7	19·5	13·5	44·0	70·3	68·9	67·0	58·4	46·0	40·5

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McJandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filbter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yell, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-EIGHTH Week of the Year 1877.

In the Week ending Saturday, July 14, 1877.											In the Week ending Saturday, July 14, 1877.										
Deaths of Persons of the Ages											Deaths of Persons of the Ages										
ALL AGES.											ALL AGES.										
Under 20.											Under 20.										
Mean Tem.											Mean Tem.										
0-1.											0-1.										
1-5.											1-5.										
5-20.											5-20.										
20 and under 40.											20 and under 40.										
40 and under 60.											40 and under 60.										
60 and under 80.											60 and under 80.										
80 Years and upwards.											80 Years and upwards.										
Mean Temperature											Mean Temperature										
9. Stricture of Intestines											9. Stricture of Intestines										
10. Fistula											10. Fistula										
11. Stomach Disease, &c.											11. Stomach Disease, &c.										
12. Pancreas Disease, &c.											12. Pancreas Disease, &c.										
13. Hepatitis											13. Hepatitis										
14. Jaundice											14. Jaundice										
15. Liver Disease, &c.											15. Liver Disease, &c.										
16. Spleen Disease, &c.											16. Spleen Disease, &c.										
ORDER 5.											ORDER 5.										
1. Nephritis											1. Nephritis										
2. Ischuria											2. Ischuria										
3. Bright's Dis. (Nephria)											3. Bright's Dis. (Nephria)										
4. Diabetes											4. Diabetes										
5. Calculus (Stone)											5. Calculus (Stone)										
6. Cystitis											6. Cystitis										
7. Kidney Disease, &c.											7. Kidney Disease, &c.										
ORDER 6.											ORDER 6.										
1. Ovarian Dropsy											1. Ovarian Dropsy										
2. Uterus Disease, &c.											2. Uterus Disease, &c.										
ORDER 7.											ORDER 7.										
1. Synovitis (Arthritis)											1. Synovitis (Arthritis)										
2. Joint Disease, &c.											2. Joint Disease, &c.										
ORDER 8.											ORDER 8.										
1. Phlegmon											1. Phlegmon										
2. Ulcer											2. Ulcer										
3. Skin Disease, &c.											3. Skin Disease, &c.										
IV. DEVELOPMENTAL DISEASES.											IV. DEVELOPMENTAL DISEASES.										
ORDER 1.											ORDER 1.										
1. Premature Birth											1. Premature Birth										
2. Cyanosis											2. Cyanosis										
3. Spina Bifida											3. Spina Bifida										
4. Other Malformations											4. Other Malformations										
5. Teething											5. Teething										
ORDER 2.											ORDER 2.										
1. Paramenia											1. Paramenia										
2. Childbirth (see Puer- peral Fever)											2. Childbirth (see Puer- peral Fever)										
ORDER 3.											ORDER 3.										
1. Old Age											1. Old Age										
ORDER 4.											ORDER 4.										
1. Atrophy and Debility											1. Atrophy and Debility										
V. VIOLENT DEATHS, &c.											V. VIOLENT DEATHS, &c.										
ORDER 1.											ORDER 1.										
(ACCIDENT OR NEGLIGENCE.)											(ACCIDENT OR NEGLIGENCE.)										
1. Fractures & Contusions											1. Fractures & Contusions										
2. Wounds {Gunshot - Cut, Stab}											2. Wounds {Gunshot - Cut, Stab}										
3. Burns and Scalds											3. Burns and Scalds										
4. Poison											4. Poison										
5. Drowning											5. Drowning										
6. Suffocation											6. Suffocation										
7. Otherwise											7. Otherwise										
ORDER 3.											ORDER 3.										
(HOMICIDE.)											(HOMICIDE.)										
1. Murder & Manslaughter											1. Murder & Manslaughter										
ORDER 4.											ORDER 4.										
(SUICIDE.)											(SUICIDE.)										
1. Wounds {Gunshot - Cut, Stab}											1. Wounds {Gunshot - Cut, Stab}										
2. Poison											2. Poison										
3. Drowning											3. Drowning										
4. Hanging											4. Hanging										
5. Otherwise											5. Otherwise										
ORDER 5.											ORDER 5.										
(EXECUTION.)											(EXECUTION.)										
1. Hanging											1. Hanging										
Violent Deaths (not classed)											Violent Deaths (not classed)										
Sudden Deaths (Cause unascertained)											Sudden Deaths (Cause unascertained)										
Causes not specified or ill-defined											Causes not specified or ill-defined										

A person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, TYPHUS, ENTERIC (or TYPHOID) FEVER, SIMPLE CONTINUED FEVER, DIARRHŒA, VIOLENCE, during the Week ending

REGISTRATION SUB-DISTRICTS.		Enu- me- rated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													In- fectious Cases.	
					Deaths of		Deaths from												
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhea.	Violence.			
LONDON - - -		3,254,260	2310	1449	447	255	32	28	21	7	46	1	14	6	169	60	96		
WEST DISTRICTS - - -		561,359	368	249	63	54	2	1	4	-	5	-	-	1	24	11	20		
NORTH DISTRICTS - - -		751,729	549	328	104	55	13	6	4	1	16	-	3	-	44	12	24		
CENTRAL DISTRICTS - - -		334,369	182	141	38	22	2	5	1	3	1	-	2	1	21	7	15		
EAST DISTRICTS - - -		639,111	438	336	122	46	5	13	3	2	9	-	3	3	43	16	21		
SOUTH DISTRICTS - - -		967,692	773	395	120	78	10	3	9	1	15	1	6	1	37	14	16		
WEST DISTRICTS.																			
St. Mary Paddington WH - - -		58728	47	22	3	6	-	1	-	-	1	-	-	-	-	-	1		
St. John Paddington H - - -		38085	18	18	2	7	-	-	1	-	1	-	-	-	1	2	2		
Kensington Town W - - -		91645	74	35	13	5	-	-	1	-	-	-	-	-	6	1	2		
Brompton H - - -		28654	17	9	4	1	-	-	-	-	-	-	-	1	1	-	1		
St. Peter Hammersmith - - -		6662	3	5	1	2	-	-	-	-	-	-	-	-	-	-	-		
St. Paul Hammersmith H - - -		36029	29	10	3	-	-	-	-	-	1	-	-	-	-	-	-		
Fulham WvH - - -		23350	19	26	9	4	2	-	-	-	-	-	-	-	1	-	3		
Chelsea South HHH - - -		26420	22	10	2	3	-	-	-	-	-	-	-	-	2	1	1		
Chelsea North-west WHHHH - - -		22926	20	25	2	6	-	-	-	-	-	-	-	-	1	-	1		
Chelsea North-east - - -		21392	19	9	5	1	-	-	-	-	1	-	-	-	3	-	2		
Hanover Square H - - -		18698	7	5	1	2	-	-	-	-	-	-	-	-	-	1	1		
May Fair WW - - -		13358	5	5	-	4	-	-	-	-	-	-	-	-	-	1	1		
Belgrave HH - - -		57972	30	24	5	8	-	-	-	-	-	-	-	-	2	2	3		
St. John Westminster HH - - -		38478	26	22	9	4	-	-	-	1	-	-	-	-	5	2	3		
St. Margaret Westminster WH - - -		27781	15	12	1	-	-	-	-	1	-	-	-	-	1	-	1		
Golden Square WH - - -		12860	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-		
Berwick-street H - - -		20759	7	3	1	1	-	-	-	-	1	-	-	-	-	-	-		
St. Anne Soho HHHHH - - -		17562	6	5	2	-	-	-	-	-	-	-	-	-	1	1	1		
NORTH DISTRICTS.																			
All Souls Marylebone HHHH - - -		28579	15	19	3	6	-	-	-	-	-	-	-	-	3	1	2		
Cavendish Square HH - - -		15425	8	4	2	-	-	-	1	-	-	-	-	-	-	1	1		
Rectory Marylebone WH - - -		26384	19	15	2	4	-	-	-	-	2	-	1	-	-	1	1		
St. Mary Marylebone HHH - - -		21786	21	4	3	-	2	-	-	-	-	-	-	-	-	-	1		
Christchurch Marylebone H - - -		33944	20	11	5	-	-	-	-	-	-	-	-	-	1	-	1		
St. John Marylebone H - - -		33136	19	18	5	4	-	1	2	-	-	-	-	-	1	-	1		
Hampstead WvHH - - -		32281	14	11	2	2	5	-	-	-	-	-	-	-	1	-	-		
Regent's Park Pancras - - -		33200	23	12	2	1	-	1	-	-	-	-	-	-	2	-	1		
Tottenham-court vHHH - - -		29370	22	25	3	3	-	1	-	-	1	-	-	-	1	2	2		
Gray's Inn Lane HHH - - -		29221	29	4	1	-	-	-	-	-	-	-	-	-	-	1	1		
Somers Town - - -		38533	16	17	7	1	-	-	1	-	2	-	-	-	2	-	1		
Camden Town WH - - -		17943	10	9	3	2	-	-	-	-	-	-	-	-	-	1	1		
Kentish Town w - - -		68198	74	31	8	5	-	-	-	1	1	-	-	-	4	-	3		
Islington West HHH - - -		97820	73	43	13	6	1	1	-	-	4	-	-	-	13	3	3		
Islington East WvWH - - -		115958	99	50	22	10	-	1	-	-	4	-	-	-	9	1	4		
Stoke Newington H - - -		9841	14	7	3	2	-	-	-	-	1	-	-	-	1	-	-		
Stamford Hill - - -		6598	5	1	1	-	-	-	-	-	-	-	-	-	-	-	1		
West Hackney - - -		28069	18	16	4	2	-	-	-	-	1	-	2	-	3	-	1		
Hackney WvWHL - - -		50104	30	19	6	5	5	1	-	-	-	-	-	-	1	-	1		
South Hackney - - -		30339	20	12	9	2	-	-	-	-	-	-	-	-	2	1	1		
CENTRAL DISTRICTS.																			
St. George Bloomsbury - - -		17853	5	8	3	2	-	-	-	-	-	-	-	-	1	1	1		
St. Giles South WH - - -		19109	12	9	2	-	-	1	-	-	-	-	1	-	1	-	-		
St. Giles North - - -		16594	6	4	3	1	-	-	-	-	-	-	-	-	1	-	-		
Long Acre - - -		11379	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Charing Cross HH - - -		9859	2	7	-	3	-	-	-	-	-	-	-	-	1	1	3		
St. Mary-le-Strand - - -		9378	5	5	-	-	-	-	-	2	-	-	-	-	-	1	1		
St. Clement Danes H - - -		10723	6	6	1	-	-	-	-	-	1	-	-	1	-	1	1		
St. George-the-Martyr HHHHH - - -		20521	12	12	-	2	1	-	-	-	-	-	-	-	-	-	3		
St. Andrew Eastern W - - -		13529	7	5	-	2	-	-	-	-	-	-	-	-	-	-	-		
Saffron Hill H - - -		9066	3	5	3	1	-	-	-	-	-	-	1	-	1	-	1		
St. James Clerkenwell W - - -		18917	14	14	6	1	-	-	-	-	-	-	-	-	3	-	-		
Amwell Clerkenwell - - -		16884	14	3	1	1	-	1	-	-	-	-	-	-	1	1	1		
Pentonville - - -		13337	15	10	6	-	1	-	1	-	-	-	-	-	2	-	-		
Goswell-street - - -		16242	16	7	1	-	-	1	-	-	-	-	-	-	1	-	1		
Old-street H - - -		12161	5	3	2	1	-	-	-	-	-	-	-	-	2	-	-		
City-road HHL - - -		18301	20	7	3	2	-	-	-	1	-	-	-	-	2	-	-		
Whitecross-street - - -		13792	4	3	2	-	-	1	-	-	-	-	-	-	1	-	-		
Finsbury - - -		10741	3	2	-	-	-	-	-	-	-	-	-	-	1	-	-		
St. Botolph East London H - - -		14540	14	5	3	1	-	1	-	-	-	-	-	-	2	-	-		
Cripplegate - - -		13638	2	6	2	1	-	-	-	-	-	-	-	-	1	-	-		
St. Sepulchre H - - -		7562	2	14	-	2	-	-	-	-	-	-	-	-	-	2	-		
St. Bride W - - -		11185	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-		
Castle Baynard - - -		4426	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Christchurch - - -		6270	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Queenhithe - - -		4753	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
Allhallows Barking - - -		5764	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1		
Broad-street H - - -		7845	1	2	-	-	-	-	-	-	-	-	-	-	1	1	1		

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see Table at the foot of next page.

ERTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
th July 1877.

ISTRATION -DISTRICTS.	Eneume- rated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
				Deaths of		Deaths from											
				Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhea.	Violence.		
DISTRICTS.																	
ditch	-	12430	5	4	-	-	1	-	-	-	-	-	-	-	1	-	-
orditch HL†	-	16545	9	7	-	3	-	1	-	-	-	-	-	-	-	-	1
own w	-	27835	22	19	5	8	-	1	-	-	-	-	-	-	1	1	3
wn	-	26933	16	14	5	2	-	-	-	-	-	-	-	-	1	1	-
WH	-	43421	27	32	12	3	-	3	-	1	1	-	-	-	1	2	6
-	-	29822	19	15	5	1	-	-	-	-	-	-	-	-	1	1	-
Green WHL†	-	42433	33	22	4	6	-	3	-	-	-	-	-	-	-	-	-
al Green	-	26577	17	11	6	1	-	1	1	-	1	-	-	-	1	1	5
Green	-	21272	18	8	1	1	-	1	-	-	-	-	-	-	1	-	-
-	-	22499	14	6	4	-	-	-	-	-	-	-	-	-	-	-	1
Town W	-	15550	10	11	5	-	-	1	-	-	-	-	-	-	-	-	4
orth	-	11597	8	3	2	-	-	-	-	-	1	-	-	-	1	-	-
urch H	-	7322	6	13	2	-	-	-	-	-	-	-	-	-	1	2	12
ds	-	10381	7	4	3	-	-	-	-	-	-	-	-	-	-	-	-
-	-	9224	3	2	2	-	-	-	-	-	-	-	-	-	-	1	-
George East	-	17900	12	10	5	2	-	-	-	-	-	-	-	-	3	-	-
orge East	-	21350	16	15	4	-	-	2	-	-	-	-	-	-	1	-	-
orge East W	-	8802	4	4	1	1	1	-	-	-	-	-	-	-	-	-	1
-	-	11640	9	10	2	2	-	-	-	-	-	-	-	-	-	2	3
-	-	16131	5	6	2	-	-	-	-	-	-	-	-	-	-	1	-
-	-	29919	17	6	4	-	-	-	-	-	1	-	-	-	4	-	-
own Western	-	38128	24	17	9	3	-	-	-	-	1	-	1	-	4	2	1
own Eastern WWH	-	65024	42	33	15	5	1	-	-	-	-	-	-	-	6	1	3
-	-	67765	69	48	19	5	-	-	-	-	2	-	-	-	11	2	1
-	-	48611	23	16	5	3	2	-	-	-	-	-	-	-	5	-	3
DISTRICTS.																	
outhwark WH	-	14573	7	7	3	3	-	-	-	-	-	-	-	-	-	1	1
outhwark H	-	15677	12	8	3	2	-	-	-	-	-	-	-	-	-	-	-
-	-	20421	17	7	4	-	-	-	-	1	-	-	1	-	-	-	-
WH	-	16695	12	4	1	-	-	-	-	-	-	-	-	-	-	-	-
HL	-	18961	8	8	2	-	1	-	-	-	-	-	-	-	-	-	-
ton	-	23682	22	8	3	3	-	-	-	-	-	-	-	-	2	-	-
orth W	-	48248	35	26	8	4	1	-	-	1	1	2	-	-	6	-	6
ngton	-	16792	15	7	3	1	-	-	-	1	-	-	-	-	1	-	-
wark H	-	4373	-	7	-	-	-	-	-	-	-	-	-	-	-	2	2
eydown W	-	10500	6	6	2	2	-	-	-	-	-	-	-	-	2	-	6
-	-	16787	16	4	1	1	-	-	-	-	-	-	-	-	1	-	-
alen W	-	15709	10	8	3	2	-	-	-	-	-	-	-	-	1	-	-
ondsey	-	47933	37	14	5	2	1	-	-	-	2	-	-	-	2	-	-
-	-	27096	25	12	6	2	-	-	-	-	-	-	-	-	-	-	2
1st H	-	14074	12	3	1	1	-	-	-	-	-	-	-	-	-	-	-
2nd H	-	18465	22	10	5	3	-	-	-	-	-	-	-	-	1	-	-
ch 1st H	-	19492	12	16	3	3	-	-	-	-	-	-	-	-	2	6	10
ch 2nd WW	-	35833	24	18	5	4	-	-	-	1	-	-	-	-	1	-	3
-	-	41286	32	8	2	2	-	-	-	-	-	-	-	-	-	-	-
-	-	31221	24	8	2	3	-	-	-	-	2	-	-	-	-	-	-
-	-	35435	28	16	2	3	1	1	3	-	-	-	-	-	1	-	5
-	-	12536	7	1	-	1	-	-	-	-	-	-	-	-	-	-	-
-	-	27847	15	11	5	-	-	-	-	-	3	-	1	-	2	-	-
HL	-	54016	79	32	14	5	1	1	-	-	-	-	1	-	6	3	2
-	-	19783	11	6	1	1	-	-	1	-	1	-	-	-	-	1	1
-	-	9439	9	2	1	-	-	-	-	-	-	-	-	-	-	-	-
-	-	14475	13	4	2	-	-	-	-	-	1	-	-	-	1	-	-
-	-	4041	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L†L†	-	31254	30	16	4	6	1	-	-	-	-	1	-	-	3	-	5
-	-	42160	42	25	9	5	1	-	-	-	-	-	-	-	4	-	-
berwell	-	33851	37	12	5	1	1	-	-	-	-	-	1	-	1	-	-
rd w	-	53714	35	23	2	4	3	-	-	-	2	-	1	-	-	-	3
ptford	-	6474	3	2	2	-	-	-	-	-	-	-	-	-	-	-	-
t	-	21034	21	5	1	2	-	-	-	-	-	-	-	-	-	-	-
t WH	-	19378	18	12	2	6	-	-	-	-	1	-	-	-	-	-	6
-	-	4539	3	3	-	1	-	-	-	-	-	-	-	-	-	-	-
-	-	16440	7	4	-	-	-	-	-	-	-	-	1	-	-	2	1
ge WH	-	11513	8	4	-	1	-	-	-	-	-	-	-	-	-	-	2
-	-	19065	16	3	1	2	-	-	-	-	-	-	-	-	-	-	-
-	-	9564	1	3	-	-	-	-	-	-	1	-	-	-	-	-	3
yard	-	17226	8	5	4	-	-	-	-	-	-	-	-	-	-	-	-
nal WHH	-	18331	11	4	2	-	-	-	-	-	-	-	-	-	-	-	-
t	-	13027	10	7	1	-	-	-	-	-	-	-	-	-	-	-	-
t W	-	15232	12	6	-	2	-	-	-	-	-	-	-	-	-	-	4

WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the
w :-

London Sick Asylum in Tottenham-court sub-district.

Kentish Town sub-district.

Workhouse in Islington East sub-district.

Primary " Hackney sub-district.

Workhouse " Hoxton New Town sub-district.

" " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and
Bow sub-district.

Stepney " Bow sub-district.

Poplar & Stepney Sick Asylum "

Westminster Union Industrial School in Battersea sub-district.

Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-

sub-districts of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston
† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 14th July 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enume- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												Inquest Cases.	Deaths from Violence.
						Deaths of		Deaths from											
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.				
	LONDON—OUTER RING	368,414	631,381	468	267	63	69	6	3	1	4	1	5	13	14	18			
29: 1	Carshalton W - - -	12228	13523	2	7	-	5	-	-	-	-	-	-	-	-	-	-		
2	Epsom (part of) * WH -	9971	9145	4	2	-	1	-	-	-	-	-	-	-	1	1	-		
36: 1	Godstone (part of) * - -	2754	900	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
37: 1	Croydon WWH - - -	20851	71319	49	30	7	7	-	-	-	1	-	-	-	-	4	4		
2	Mitcham WH - - -	11697	12534	7	4	1	-	-	-	-	-	-	-	-	-	1	1		
38: 1	Wimbledon HH - - -	3220	9087	7	5	2	1	-	-	-	-	-	-	-	-	-	-		
2	Kingston WH - - -	8549	27489	13	11	1	4	-	1	-	-	-	-	-	-	-	-		
3	Esher (part of) * - - -	6601	7353	7	4	2	1	-	-	-	-	-	-	-	-	1	1		
4	Hampton - - -	4573	10185	6	4	2	1	-	-	-	-	-	-	-	-	-	-		
39: 1	Richmond WH - - -	2271	16829	10	4	-	1	-	-	-	-	-	-	-	-	1	1		
2	Mortlake - - -	2961	9316	7	1	-	-	-	-	-	-	-	-	-	-	-	-		
40: 1	Bromley (part of) * HH -	15669	19509	22	9	1	3	-	-	-	3	-	-	-	-	-	-		
2	Chislehurst (part of)* W -	13665	10028	12	5	3	2	-	-	-	-	-	-	-	-	-	-		
41: 1	Bexley H - - -	13439	19566	10	9	1	5	-	-	-	-	-	1	-	-	-	-		
123: 1	Sunbury W - - -	11055	9860	9	5	-	4	-	-	-	-	-	-	1	-	-	-		
2	Staines W - - -	13277	10339	14	9	2	2	-	-	-	-	1	-	1	-	-	-		
124: 1	Hillingdon WH - - -	6029	9712	5	3	-	2	-	-	-	-	-	-	-	-	-	-		
2	Uxbridge - - -	6178	5329	4	2	-	-	-	-	-	-	-	-	-	-	-	-		
3	Hayes WL - - -	14587	10497	7	3	-	-	1	-	-	-	-	-	-	-	-	-		
125: 1	Isleworth W - - -	7008	19930	12	6	3	2	-	-	-	-	-	-	-	-	1	-		
2	Twickenham - - -	2477	10533	5	3	1	-	-	-	-	-	-	-	-	-	-	-		
3	Brentford HL - - -	4370	20279	19	5	2	1	-	-	-	-	-	-	-	-	-	-		
4	Chiswick - - -	1311	8508	14	8	2	-	-	-	-	-	-	-	3	-	-	-		
5	Acton WH - - -	6087	12683	11	2	1	1	-	-	-	-	-	-	-	-	-	-		
126: 1	Harrow H - - -	13809	10869	3	3	1	1	-	-	-	-	-	-	-	-	-	-		
2	Edgware - - -	6994	3450	3	2	1	-	-	-	-	-	-	-	1	-	-	-		
3	Willesden - - -	4383	15869	13	5	3	-	-	-	-	-	-	-	-	-	-	-		
4	Hendon WH - - -	8382	6972	5	6	1	2	-	-	-	-	-	-	-	-	1	1		
127: 1	South Mimms - - -	15419	5924	1	4	-	-	-	-	-	-	-	1	-	-	1	1		
2	Barnet W - - -	5423	7752	6	3	-	1	-	-	-	-	-	-	-	-	-	-		
3	Finchley L - - -	4688	11493	6	3	-	1	-	-	-	-	-	-	-	-	-	-		
128: 1	Hornsey H - - -	3039	19357	21	10	1	1	-	-	-	-	-	2	2	-	-	-		
2	Tottenham H - - -	4642	22869	19	10	3	4	-	-	-	-	-	1	1	-	1	1		
3	Edmonton WW - - -	7483	13860	10	9	-	4	1	-	-	-	-	-	-	-	1	1		
4	Enfield WH - - -	12653	16054	9	11	2	3	-	-	-	-	-	-	1	1	1	1		
5	Waltham Abbey - - -	11017	5197	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
6	Cheshunt - - -	8493	7518	6	4	-	2	-	1	-	-	-	-	-	-	-	-		
134: 1	Hatfield (part of) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
136: 1	Bushey - - -	9028	6472	2	2	-	2	-	-	-	-	-	-	-	-	-	-		
185: 1	Stratford - - -	882	23286	16	13	5	3	-	-	-	-	-	-	2	1	2	-		
2	West Ham WWWW - - -	7345	44642	42	26	9	1	4	1	1	-	-	-	1	-	-	-		
3	Leyton WW - - -	4274	15513	15	4	2	-	-	-	-	-	-	-	-	1	1	-		
4	Walthamstow H - - -	6619	15701	15	4	1	-	-	-	-	-	-	-	-	-	1	-		
186: 1	Chigwell (part of) * H -	10483	8169	5	3	1	-	-	-	-	-	-	-	-	-	-	-		
188: 1	Romford (part of) * - -	6730	2879	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Ilford - - -	8492	5947	5	1	1	-	-	-	-	-	-	-	-	-	-	-		
3	Barking Town - - -	4128	6576	5	2	1	1	-	-	-	-	-	-	-	-	-	-		

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chislefield (pop. 907); 134: 1, only the parish of Northaw in Hatfield sub-district; 186: 1, the whole of the Chigwell sub-district, except the parish of Thorndon-Bell (pop. 798); 188: 1, only the parish of Dagenham in Romford sub-district.

1.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 14th July, 1877.

No.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.		
LONDON	446,494	4,367,547	20·5	4·3	1716	510	324	38	31	22	11	47	26	182	74	306	
LONDON -	78,080	3,533,484	21·4	4·8	1449	447	255	32	28	21	7	46	21	169	60	271	
NG -	368,414	834,063	16·7	2·1	267	63	69	6	3	1	4	1	5	13	14	35	

Area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 14·902 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 2,189 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 78,080 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 28 FOREIGN CITIES.

Towns.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
UTTA -	429,535	June	9	-	145	17·6	Fevers 46; cholera 2.
DAY -	644,405	"	12	-	895	72·2	Small-pox 21; cholera 205.
RAS -	397,552	"	1	212	910	119·0	Small-pox 152; cholera 203.
B -	1,988,806	July	12	-	837	21·9	Measles 17; typhoid fever 16.
VA* -	67,829	"	7	36	33	25·4	-
SELS -	188,609	"	7	100	69	19·0	Small-pox 7.
ERDAM -	289,981	"	7	161	144	25·2	Measles 4; typhus and typhoid fever 2.
ERDAM -	136,231	"	7	111	58	22·0	-
HAGUE -	104,095	"	7	74	34	17·0	-
NSHAGEN -	215,000	"	10	151	82	19·9	Typhoid fever 3.
KHOLM -	146,845	June	30	-	84	29·7	Scarlet fever 4.
STIANIA -	79,000	July	7	36	33	21·7	-
IN -	997,269	June	23	783	852	44·2	Scarlet fev. 10; diphth. 8; diarrhoeal diseases 350.
BURG (State)	393,588	"	23	312	211	28·0	Diphtheria and croup 6.
DEN -	202,295	"	30	153	110	28·2	-
LAU -	246,813	July	7	218	180	36·4	Diphtheria 4.
CH -	209,000	"	7	145	158	39·0	Diarrhoea 39.
VA -	714,548	"	7	509	334	24·3	Small-pox 10; diphtheria 8.
-PESTH -	315,401	June	30	249	212	35·0	Whooping-cough 7; typhus 6.
-	278,099	"	23	134	150	22·4	Diphtheria and croup 9.
ES -	454,948	"	24	-	236	27·0	Typhus 6.
N -	223,488	"	30	179	144	33·2	Typhoid fever and typhus 11.
CE -	139,796	"	30	80	70	26·3	Diphtheria and croup 4.
ANDRIA -	212,034	"	30	161	204	50·2	-
YORK -	1,077,228	"	16	-	414	20·0	Scarlet fever 22.
KLYN -	527,830	"	16	-	172	16·9	Diphtheria 20.
ADELPHIA -	850,856	"	23	-	281	17·2	Typhoid fever 10.
ON -	363,000	"	16	-	96	13·7	Diphtheria 8.

* With suburbs, including Genf, Plain-palais, and Eaux-Vives.

WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

29. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, JULY 21. [Price 1½d.

*General Register Office, Somerset House,
July 23rd, 1877.*

UNITED KINGDOM.

During last week 5702 *births* and 3327 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2375. The mortality from all causes was at the average rate of 17 deaths annually in every 1000 persons living. The annual death-rate was 17 per 1000 in Edinburgh, 24 in Glasgow, and 25 in Dublin; measles caused 17 deaths in Dublin, equal to an annual rate of 3·3 per 1000.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Portsmouth 16, Leicester 16, Sheffield 16, Sunderland 17, Hull 17, Newcastle-upon-Tyne 17, Bristol 18, South 19, Leeds 19, Norwich 21, London 21, Brighton 21, Birmingham 21, and 22, Bradford 22, Liverpool 23, Nottingham 24, Manchester 25, Wolverhampton 29, and Oldham 31. The annual death-rate from the seven principal zymotic diseases averaged 4·1 per 1000 in the twenty towns, and ranged from 1 in Sunderland, to 7·1 in Wolverhampton. In the twenty towns 41 deaths from small-pox were registered, of which 35 occurred in London, 4 in Liverpool (exclusive of a fatal municipal case in Toxteth Workhouse), one in Brighton, and one in Leeds. Whooping-cough showed fatal prevalence in Liverpool, and scarlet fever in Wolverhampton.

LONDON.

LONDON 2415 BIRTHS and 1438 DEATHS were registered. Allowing for increase of population, the births exceeded by 111, whereas the deaths were 204 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the three preceding weeks had steadily increased from 18·8 to 21·4 per 1000, was last week equal to 21·2.

The 1438 deaths included 35 from small-pox, 42 from measles, 19 from scarlet fever, 6 from diphtheria, 36 from whooping-cough, 21 from different forms of fever, and 73 from diarrhœa; thus to the seven principal diseases of the zymotic class 143 deaths were referred, against numbers increasing from 210 to 324 in the four preceding weeks. These 332 deaths were 149 below the corrected average number for the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 4·9 per 1000. The 42 deaths from measles showed an increase of 14 upon those returned in the previous week, and included 14 in the West, and 15 in the East groups of districts; 6 occurred in Pancras, 4 in Hackney, 3 in Bethnal Green, and 5 in Whitechapel. Of the 36 fatal cases of whooping-cough, 18 occurred in South London, including 10 in Southwark. Eight of the 19 deaths from scarlet fever were returned in South London, of which 4 occurred in Southwark, where 2 fatal cases of diphtheria were also recorded. The 21 deaths from fever corresponded with the number in the previous week, and were 11 below the corrected average weekly number; 2 were certified as typhus, 15 as simple or typhoid, and 4 as simple continued fever. The 2 fatal cases of typhus occurred at 4, John Street (St. George-in-the-East), and at 21, Angus Street, Finsbury.

The fatal cases of small-pox, which had been 23 and 32 in the two preceding weeks, further rose last week to 35; of these, 18 were recorded in the Metropolitan Small-pox Hospitals, 3 in the Highgate Small-pox Hospital, one in the Pancras Small-pox Hospital, and the remaining 13 occurred in private dwellings. Of the 13 deaths in private dwellings, 4 occurred in Newington, 2 in Poplar, and 2 in Bermondsey. After distributing the 22 fatal hospital cases, it appears that 16 of the deceased small-pox patients had resided in South London; 16 of the 35 were certified to be unvaccinated, 8 to be vaccinated, and in the remaining 11 cases no mention as to vaccination was omitted from the medical certificates. An out-

break of small-pox is reported to have occurred at King Edward Industrial School, Whitechapel, where 10 out of 93 children have been attacked since 10th instant.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which in the eight preceding weeks had steadily declined from 964 to 618, further declined last week to 588; the number of admissions were 82, against 146 and 136 in the two previous weeks. The Highgate Small-pox Hospital contained 34 patients on Saturday last, corresponding with the number at the end of the previous week.

The deaths referred to diarrhœa, which in the seven previous weeks had steadily increased from 13 to 169, further rose to 173 last week, which were, however, 116 below the corrected average weekly number; 143 were of infants under one year of age, and 19 of children aged between one and five years. Nine deaths were referred to choleraic diarrhœa and simple cholera; 8 were of infants under one year of age, and the other of a labourer aged 54 years in St. Catherine's Road, Kensington.

The deaths referred to diseases of the respiratory organs, which had been 144 and 159 in the two preceding weeks, further rose to 181 last week, and exceeded the corrected average by 35.

Two deaths from hydrophobia were registered, of which one occurred in Bartholomew's and one in Guy's Hospitals.

Different forms of violence caused 42 deaths; 34 were the result of negligence or accident, including 13 from fractures and contusions, 4 from burns and scalds, 6 from drowning, and 6 of infants under one year of age from suffocation. The 13 deaths from fractures and contusions were thus caused: males 12 and 2, run over by van; male 14, kicked by a horse; females 76 and 19, fell down stairs; male 31, crushed on railway; male 35, fell from balcony; male 7, fell from gate; male 5 months, female 2, fell from a chair; female 16, injured by machinery (nature of machinery not stated); male 33, fractured skull; male 58, from fall (nature of fall not stated). An inquest was held in each of these cases, except the last, which was certified by a registered medical practitioner.

In the large Public Institutions 265 deaths were recorded, or 18 per cent. of the total deaths; of these, 166 occurred in Workhouse Establishments, 92 in Hospitals, and 7 in Lunatic Asylums. The London Fever Hospital contained 65 patients on Saturday last, of which 54 were under treatment for scarlet fever, 5 for enteric fever, and 3 for measles.

GREATER LONDON.

In Greater London 2875 births and 1650 deaths were registered, equal to annual rates of 34·4 and 19·7 per 1000 of the population. In the Outer Ring the 4 fatal cases of small-pox were all registered in West Ham. Two deaths from typhoid fever were registered in Croydon, of which one occurred at Penge.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 25, Bombay 66; Paris 23; Geneva 17; Brussels 25; Amsterdam 23, Rotterdam 21, The Hague 16; Copenhagen 26; Stockholm 28; Christiania 21; Berlin 55, Hamburg 23, Dresden 30; Breslau 31; Munich 33; Vienna 27, Buda-Pesth 40; Rome 22, Naples 29, Turin 29, Venice 26; Alexandria 43; New York 20, Brooklyn 17, Philadelphia 21, and Boston 15. Cholera caused 206 deaths in Bombay, against 109 and 205 in the two preceding weeks. Only 6 deaths resulted from cholera in Calcutta. Diarrhœal diseases caused 556 deaths in Berlin.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·53 in.; the lowest reading was 29·07 in. on Sunday morning, and the highest 29·87 in. on Saturday morning. The mean temperature of the *air* was 59°·1, and 3°·4 below the average in the corresponding week of the 60 years 1814-73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average on each day of the week; the coldest day was Monday, when the mean was but 57°·6, showing a deficiency of 5°·1. The lowest night temperature was 48°·0 on Saturday, and the highest day temperature in the shade 74°·0 on the same day; the extreme range in the week was, therefore, 26°·0. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 133°·0 on Saturday. The difference between the mean *dew-point* and *air* temperature averaged 8°·0. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 64°·3. The mean degree of *humidity* of the air was 76, complete saturation being represented by 100; the air was dry. The general direction of the *wind* was south-westerly, and the horizontal movement of the air averaged 15·0 miles per hour, which was 5·3 above the average in the corresponding week of 16 years. *Rain* fell on four days of the week to the aggregate amount of 0·84 of an inch. The duration of registered sunshine in the week was 37·8 hours, out of the 112·0 hours that the sun was above the horizon.

BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday the 21st July 1877.

TOWNS.	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 21st July 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
in the } GDOM }	212,881	8,144,940	38·3	5702	3327	74·0	42·0	57·3	14·06	1·25	3·17
- -	75,362	3,533,484	46·9	2415	1433	74·0	48·0	59·1	15·06	0·84	2·13
- -	2,354	102,264	43·4	64	42	70·1	49·5	58·8	14·89	0·55	1·40
- -	4,486	127,144	28·3	79	33	69·0	54·0	59·0	15·00	0·81	2·06
- -	7,472	84,023	11·2	50	33	73·5	50·0	59·6	15·34	1·16	2·95
- -	1,395	72,911	52·3	53	26	68·5	50·5	57·6	14·23	1·10	2·79
- -	4,452	202,950	45·6	128	69	66·8	50·2	57·4	14·11	0·80	2·03
PTON -	3,396	73,389	21·6	50	41	65·4	45·3	55·4	13·00	0·75	1·90
- -	8,400	377,436	44·9	255	155	-	-	-	-	-	-
- -	3,200	117,461	36·7	82	35	-	-	-	-	-	-
- -	1,996	95,025	47·6	75	44	70·6	44·2	56·9	13·83	1·17	2·97
- -	5,210	527,083	101·2	353	236	65·1	51·3	56·0	13·33	1·04	2·64
- -	4,293	359,213	83·7	229	173	-	-	-	-	-	-
- -	5,170	141,184	27·3	125	59	69·4	42·0	54·3	12·39	2·39	6·07
- -	4,666	89,796	19·2	76	54	-	-	-	-	-	-
- -	7,220	179,315	24·8	134	76	67·8	47·0	55·8	13·23	2·70	6·86
- -	21,572	293,189	13·8	234	107	69·0	47·0	57·3	14·06	2·12	5·38
- -	19,651	282,130	14·4	196	88	69·0	43·0	56·5	13·61	0·33	0·84
- -	3,635	140,002	38·5	107	46	71·0	47·0	53·3	14·61	0·37	0·94
- -	3,306	110,382	33·4	81	36	71·	48·0	56·7	13·72	2·05	5·21
N-TYNE	5,371	142,231	26·5	100	47	-	-	-	-	-	-
- -	4,191	218,729	52·2	134	71	68·6	45·7	57·8	14·34	2·12	5·38
- -	6,033	555,933	92·1	517	260	65·5	46·7	57·2	14·00	1·09	2·77
- -	10,050	314,666	31·3	160	153	68·4	43·0	58·4	14·66	1·04	2·64

of the Meteorological Observers in the several towns, see note at foot of Table 4.
as for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by
of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The
Dublin is taken as stationary at the number enumerated in April 1871.

DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population
7,055,612 persons, and in DUBLIN, during the Week ending Saturday the 21st July 1877.

TOWNS, &c.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from											
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.				
GLoucester	21·0	4·1	2843	863	482	41	64	48	11	107	47	243	98	160	436		
London	21·2	4·9	1438	498	251	35	42	19	6	36	21	173	42	75	265		
Southampton	21·4	2·6	42	10	11	1	-	-	-	3	-	1	2	3	16		
Southampton	15·6	2·9	38	9	7	-	-	1	-	1	1	4	1	1	2		
Southampton	20·5	2·5	33	7	9	-	1	-	-	-	1	2	2	2	2		
Southampton	18·6	3·6	26	8	10	-	-	3	-	-	1	1	-	-	-		
Southampton	17·7	4·4	69	21	17	-	3	1	-	3	3	7	-	-	11		
Southampton	29·1	7·1	41	7	8	-	2	4	-	-	-	4	1	1	11		
Southampton	21·4	3·8	155	41	17	-	6	2	-	9	1	6	4	10	12		
Southampton	15·6	1·8	35	9	6	-	-	1	-	1	-	2	-	3	2		
Southampton	24·2	1·7	44	14	10	-	-	-	-	2	-	1	1	4	5		
Southampton	23·4	5·6	236	69	21	4	3	3	1	25	6	15	12	14	36		
Southampton	25·1	4·1	173	36	30	-	4	8	1	9	1	5	4	16	36		
Southampton	21·8	4·8	59	19	7	-	1	2	-	6	2	2	3	3	3		
Southampton	31·4	4·7	54	13	6	-	1	-	-	4	-	3	2	3	4		
Southampton	22·1	2·3	76	16	17	-	-	1	1	2	1	3	7	8	7		
Southampton	18·7	2·1	101	30	17	1	-	1	-	2	3	5	4	3	4		
Southampton	16·3	1·7	88	19	9	-	1	1	1	2	2	2	1	1	6		
Southampton	17·1	2·2	46	12	10	-	-	1	-	-	1	4	2	2	3		
Southampton	17·0	1·0	36	7	9	-	-	-	-	-	2	-	2	2	3		
Southampton	17·2	2·6	47	18	10	-	-	-	1	2	1	3	8	9	8		
Southampton	25·4	5·1	153	15	44	-	20	1	-	-	6	4	7	4	53		

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the TWENTY-NINTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	1910	2014	2119	2137	2110	2151	2242	2183	2330	2333	2152·9	2415
Males . .	976	1017	1076	1070	1075	1068	1190	1121	1161	1219	1097·3	1226
Females . .	934	997	1043	1067	1035	1083	1052	1062	1169	1114	1055·6	1189
TOTAL Deaths	1230	1642	1600	1754	1281	1467	1381	1640	1471	1878	1534·4	1438
Males . .	637	876	824	900	697	796	726	892	737	1010	809·5	737
Females . .	593	766	776	854	584	671	655	748	734	868	724·9	701

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867–76, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Apr. 28.	May 5.	May 12.	May 19.	May 26.	June 2.	June 9.	June 16.	June 23.	June 30.	July 7.	July 14.	July 21.
TOTAL Deaths - - -	1557	1490	1613	1564	1392	1443	1429	1315	1271	1300	1322	1449	1438
0—20 - - -	722	708	745	758	651	688	692	663	632	609	691	795	788
20—40 - - -	212	220	241	200	211	233	226	180	188	205	189	182	174
40—60 - - -	281	274	280	272	243	241	239	218	217	249	206	217	225
60—80 - - -	289	241	297	265	250	234	224	207	199	196	194	223	202
at 80 years & upwds.	53	47	50	69	37	47	48	47	35	41	42	32	49
Deaths of children { Under 1 year -	345	334	325	341	293	304	282	287	306	275	378	447	498
{ 1—5 - - -	277	260	310	318	249	268	286	260	222	224	207	227	192
{ 5—20 - - -	100	114	110	99	109	116	124	116	104	110	106	121	93
Deaths from 7 principal Zymotic Diseases }	213	189	245	246	220	236	220	218	210	223	244	324	332
„ „ Small-pox - - -	89	54	78	70	69	61	58	55	44	44	23	32	35
„ „ Measles - - -	47	44	45	59	56	69	65	61	42	45	44	28	42
„ „ Scarlet fever - -	14	16	24	20	21	28	19	14	14	24	18	21	19
„ „ Diphtheria - - -	3	2	4	4	3	8	6	7	7	6	9	7	6
„ „ Whooping-cough -	30	43	58	59	34	41	40	38	35	28	35	46	36
„ „ Typhus fever - - -	4	3	2	2	1	3	1	4	5	6	6	1	2
„ „ Enteric (or Typhoid) fever - }	11	13	12	6	16	11	11	9	12	15	10	14	15
„ „ Simple Contag fever - }	3	5	2	4	7	2	4	3	5	5	3	6	4
„ „ Diarrhœa - - -	12	9	20	22	13	13	16	27	46	50	96	169	173
„ „ Simple Cholera - -	-	-	-	-	-	-	-	-	2	2	6	14	9
„ „ Dis. of Respiratory Organs - }	349	327	355	338	303	259	251	199	166	162	144	159	181
„ „ Phthisis - - -	167	192	208	149	155	174	174	163	161	198	176	159	149
„ „ Heart Diseases - -	88	92	93	91	86	91	77	67	67	77	62	76	76
Violent Deaths - - -	51	46	53	48	36	58	59	76	62	52	56	60	42
Inquest Cases - - -	87	84	85	104	82	92	101	116	94	86	86	96	75
Deaths in Public Institutions	346	296	334	315	277	300	293	275	272	281	255	271	265
TEMPERATURE OF THE AIR:													
Mean - - - - -	44·7	41·3	49·2	51·1	49·1	53·7	60·4	62·2	63·3	61·6	58·2	61·1	59·1
Mean of Highest readings -	54·4	51·4	61·6	60·6	57·5	63·6	74·4	75·1	77·6	76·8	71·6	73·9	69·0
Mean of Lowest readings -	37·6	35·1	38·8	45·3	44·5	46·7	48·7	51·7	51·5	50·0	48·9	50·7	53·0
Mean Temperature of the Water of the Thames - }	48·3	48·4	50·1	54·4	53·9	55·4	58·8	64·3	67·3	65·6	65·8	64·6	64·3
Humidity of the Air - - -	78	72	71	82	74	73	68	72	63	61	71	71	76
Rain-fall in inches - - -	0·08	0·20	0·24	0·80	0·23	0·28	0·07	0·41	0·01	0·01	0·63	0·37	0·84
Registered Sunshine (in hours)	26·6	21·2	52·7	19·5	13·5	44·0	70·3	68·9	67·0	58·4	46·0	40·5	37·8

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. Melandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

6. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-NINTH Week of the Year 1877.

In the Week ending Saturday, July 21, 1877.										In the Week ending Saturday, July 21, 1877.													
Deaths of Persons of the Ages										Deaths of Persons of the Ages													
ALL AGES.		Under 20.			20 and under 40.		40 and under 60.		60 and under 80.		ALL AGES.		Under 20.			20 and under 40.		40 and under 60.		60 and under 80.			
Mean Tem. °	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	Mean Tem. °	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	Mean Tem. °	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
CAUSES OF DEATH.																							
Mean Temperature -																							
9. Stricture of Intestines 1.2																							
10. Fistula - - - - - .3																							
11. Stomach Disease, &c. - 7.7																							
12. Pancreas Disease, &c. - - - - -																							
13. Hepatitis - - - - - 3.2																							
14. Jaundice - - - - - 4.7																							
15. Liver Disease, &c. - 19.7																							
16. Spleen Disease, &c. - .2																							
ORDER 5.																							
1. Nephritis - - - - - 2.5																							
2. Ischuria - - - - - .3																							
3. Bright's Dis. (Nephria) 11.6																							
4. Diabetes - - - - - 1.8																							
5. Calculus (Stone) - - - 1.0																							
6. Cystitis - - - - - 1.0																							
7. Kidney Disease, &c. - 10.4																							
ORDER 6.																							
1. Ovarian Dropsy - - - .5																							
2. Uterus Disease, &c. - 4.3																							
ORDER 7.																							
1. Synovitis (Arthritis) - .8																							
2. Joint Disease, &c. - 4.6																							
ORDER 8.																							
1. Phlegmon - - - - - 2.2																							
2. Ulcer - - - - - 1.0																							
3. Skin Disease, &c. - 1.3																							
IV. DEVELOPMENTAL DISEASES.																							
ORDER 1.																							
1. Premature Birth - - - 23.2																							
2. Cyanosis - - - - - 2.5																							
3. Spina Bifida - - - - - 1.0																							
4. Other Malformations - 1.9																							
5. Teething - - - - - 13.5																							
ORDER 2.																							
1. Paramenia - - - - - .2																							
2. Childbirth (see Puer- peral Fever) - - - - - 4.7																							
ORDER 3.																							
1. Old Age - - - - - 39.6																							
ORDER 4.																							
1. Atrophy and Debility - 89.9																							
V. VIOLENT DEATHS, &c.																							
ORDER 1.																							
(ACCIDENT. or NEGLIGENCE.)																							
1. Fractures & Contusions 20.1																							
2. Wounds { Gunshot 7																							
{ Cut, Stab }																							
3. Burns and Scalds - 2.4																							
4. Poison - - - - - .6																							
5. Drowning - - - - - 9.8																							
6. Suffocation - - - - - 6.6																							
7. Otherwise - - - - - 2.8																							
ORDER 3.																							
(HOMICIDE.)																							
1. Murder & Manslaughter 1.3																							
ORDER 4.																							
SUICIDE.)																							
1. Wounds { Gunshot - .7																							
{ Cut, Stab - 1.2																							
2. Poison - - - - - .8																							
3. Drowning - - - - - 1.1																							
4. Hanging - - - - - 1.3																							
5. Otherwise - - - - - .8																							
ORDER 5.																							
(EXECUTION.)																							
1. Hanging - - - - - -																							
Violent Deaths (not classed) .6																							
Sudden Deaths (Cause unascertained) - .5																							
Causes not specified or ill-defined - - - - - 4.3																							

is should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1877.

person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.	Enume- rated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include											
				Deaths of		Deaths from									
				Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.
LONDON - - -	3,254,260	2415	1438	498	251	35	42	19	6	36	2	15	4	173	42
WEST DISTRICTS - - -	561,359	338	237	78	44	6	3	3	-	3	-	2	-	22	6
NORTH DISTRICTS - - -	751,729	548	319	103	67	10	14	3	2	6	-	2	1	34	9
CENTRAL DISTRICTS - - -	334,369	214	124	38	17	-	4	1	-	1	-	3	-	15	8
EAST DISTRICTS - - -	639,111	486	330	138	44	3	15	4	1	8	1	4	3	52	9
SOUTH DISTRICTS - - -	967,692	829	428	141	79	16	6	8	3	18	1	4	-	50	10
WEST DISTRICTS.															
St. Mary Paddington WH - - -	58728	35	29	9	4	-	1	-	-	3	-	-	-	4	1
St. John Paddington H - - -	38085	21	11	3	3	-	-	-	-	-	-	-	-	2	1
Kensington Town W - - -	91645	63	31	12	7	-	-	-	-	-	-	-	-	6	1
Brompton H - - -	28654	24	8	2	2	-	-	-	-	-	-	-	-	-	-
St. Peter Hammersmith - - -	6662	6	3	1	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith H - - -	36029	38	21	6	5	-	-	-	-	-	-	1	-	-	1
Fulham WvH - - -	23350	22	25	9	4	6	-	-	-	-	-	-	-	1	-
Chelsea South HHH - - -	26420	13	15	5	3	-	-	-	-	-	-	-	-	-	1
Chelsea North-west WHHHH - - -	22928	15	15	7	1	-	-	-	-	-	-	-	-	3	1
Chelsea North-east - - -	21392	15	6	5	-	-	-	-	-	-	-	-	-	3	-
Hanover Square H - - -	18698	6	2	-	-	-	-	-	-	-	-	-	-	-	-
May Fair Wv - - -	13358	7	4	-	3	-	-	-	-	-	-	-	-	-	-
Belgrave HH - - -	57972	21	20	1	5	-	1	2	-	-	-	-	-	-	1
St. John Westminster HH - - -	38478	17	18	10	2	-	1	-	-	-	-	1	-	1	1
St. Margaret Westminster WH - - -	27781	10	14	2	3	-	-	-	-	-	-	-	-	-	-
Golden Square WH - - -	12860	5	3	-	2	-	-	-	-	-	-	-	-	-	-
Berwick-street H - - -	20759	11	8	5	-	-	-	-	-	-	-	-	-	-	-
St. Anne Soho HHHHH - - -	17562	9	4	1	-	-	-	1	-	-	-	-	-	2	-
NORTH DISTRICTS.															
All Souls Marylebone HHHH - - -	28579	15	11	4	2	-	-	-	-	-	-	-	-	2	-
Cavendish Square HH - - -	15425	3	1	-	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone WH - - -	26384	14	12	-	6	-	-	-	-	-	-	-	-	-	-
St. Mary Marylebone HHH - - -	21786	25	10	2	2	1	1	-	-	-	-	-	-	1	2
Christchurch Marylebone H - - -	33944	16	15	2	1	-	1	-	1	-	-	-	-	-	-
St. John Marylebone H - - -	33136	18	10	3	1	-	-	-	-	2	-	-	-	-	-
Hampstead WvHH - - -	32281	17	13	4	3	1	-	1	-	-	-	-	-	1	1
Regent's Park Pancras - - -	38200	23	18	6	3	-	1	1	-	-	-	-	-	3	-
Tottenham-court wHHH - - -	29370	16	18	11	4	-	1	-	-	1	-	-	-	3	1
Gray's Inn Lane HHH - - -	29221	11	9	3	-	-	1	-	-	1	-	-	-	2	-
Somers Town - - -	38533	25	11	5	2	-	-	-	-	-	-	-	-	2	-
Camden Town W - - -	17943	10	10	1	6	1	-	-	-	-	1	-	-	2	2
Kentish Town w - - -	68198	70	24	9	5	-	3	-	-	1	-	-	-	-	1
Islington West HHH - - -	97820	87	41	16	6	3	1	-	-	1	-	-	-	6	1
Islington East WvWH - - -	115958	105	50	18	11	-	1	-	-	-	-	-	1	7	1
Stoke Newington H - - -	9841	9	7	3	2	-	-	-	-	-	-	-	-	2	1
Stamford Hill - - -	6598	6	7	1	3	1	1	-	-	-	-	-	-	-	-
West Hackney - - -	28069	22	8	2	2	-	1	-	-	-	-	-	-	-	-
Hackney WvWHL - - -	50104	38	32	10	7	3	-	1	1	-	-	1	-	2	1
South Hackney - - -	30339	18	12	3	1	-	2	-	-	-	-	-	-	-	-
CENTRAL DISTRICTS.															
St. George Bloomsbury - - -	17853	14	1	1	-	-	-	-	-	-	-	-	-	-	-
St. Giles South WH - - -	19109	30	9	3	-	-	-	-	-	-	-	-	-	1	1
St. Giles North - - -	16594	6	1	-	-	-	-	-	-	-	-	-	-	-	-
Long Acre - - -	11379	10	4	1	-	-	-	-	-	-	-	-	-	-	-
Charing Cross HH - - -	9859	6	4	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand - - -	9378	3	1	-	-	-	1	-	-	-	-	-	-	-	-
St. Clement Danes H - - -	10723	6	6	3	-	-	1	-	-	-	-	1	-	-	-
St. George-the-Martyr HHHHH - - -	20521	16	14	2	2	-	-	-	-	1	-	-	-	1	-
St. Andrew Eastern W - - -	13529	4	14	1	5	-	-	1	-	-	-	1	-	2	-
Saffron Hill H - - -	9066	4	3	2	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell W - - -	18917	15	4	2	1	-	-	-	-	-	-	-	-	1	-
Amwell Clerkenwell - - -	16884	18	7	3	1	-	-	-	-	-	-	-	-	1	-
Pentonville - - -	13337	10	5	1	-	-	2	-	-	-	-	1	-	-	-
Goswell-street - - -	16242	8	3	-	2	-	-	-	-	-	-	-	-	-	1
Old-street H - - -	12161	8	5	2	1	-	-	-	-	-	-	-	-	2	-
City-road HHL - - -	18301	21	11	10	-	-	-	-	-	-	-	-	-	4	-
Whitecross-street - - -	13792	4	3	3	-	-	-	-	-	-	-	-	-	1	-
Finsbury - - -	10741	5	3	1	1	-	-	-	-	-	-	-	-	1	-
St. Botolph East London H - - -	14540	8	2	1	1	-	-	-	-	-	-	-	-	-	-
Cripplegate - - -	13638	7	8	1	-	-	-	-	-	-	-	-	-	1	-
St. Sepulchre H - - -	7562	1	9	-	1	-	-	-	-	-	-	-	-	1	-
St. Bride W - - -	11185	5	2	1	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard - - -	4426	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - -	6270	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - -	4753	-	2	-	1	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - -	5764	3	1	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street H - - -	7845	2	2	-	1	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see at the foot of next page.

ERTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
1st July 1877.

ADMINISTRATION DISTRICTS.	Enu- merated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include														Deaths in Public Institutions.
				Deaths of		Deaths from										Inquest Cases.		
				Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.			
DISTRICTS.																		
Northwich - - - -	12430	4	3	3	-	-	-	-	-	-	-	-	-	-	1	-	-	
Northwich HL† - - -	16545	8	11	5	-	-	-	-	-	-	-	-	-	-	-	-	-	
Northwich W - - - -	27835	24	13	6	4	-	1	-	-	-	-	-	-	-	1	-	4	
Northwich H - - - -	26933	15	10	7	1	-	-	-	-	-	-	-	-	-	1	-	4	
Northwich - - - -	43421	38	27	14	4	-	-	-	-	-	-	-	-	-	3	-	-	
Green WHL† - - - -	29822	21	14	6	-	-	2	1	1	1	-	-	-	-	1	-	-	
Green - - - -	42433	32	24	13	6	-	2	1	-	-	-	-	-	-	1	1	4	
Green - - - -	26577	28	9	2	1	-	-	-	-	-	-	-	-	-	1	-	-	
Green - - - -	21272	11	9	3	2	-	-	-	-	-	-	-	-	-	2	-	-	
Green - - - -	22499	6	5	2	-	-	-	-	-	-	-	-	-	-	1	-	-	
Green W - - - -	15550	17	19	5	3	-	2	-	-	-	-	-	-	-	3	-	-	
Green H - - - -	11597	9	7	4	1	-	-	-	-	-	-	-	-	-	-	2	9	
Green - - - -	7322	3	16	-	1	-	-	-	-	1	-	-	-	-	-	1	-	
Green - - - -	10381	5	2	1	-	-	-	-	-	-	-	1	-	-	-	2	15	
Green - - - -	9224	6	4	2	-	-	-	-	-	-	-	-	-	-	1	-	-	
Green East - - - -	17900	12	8	2	1	-	-	-	-	-	-	-	-	-	1	-	-	
Green East - - - -	21350	8	14	7	2	1	1	-	-	-	1	-	-	-	4	-	-	
Green East W - - -	8802	2	7	2	2	-	1	-	-	-	-	-	-	-	1	1	3	
Green - - - -	11640	6	6	1	-	-	-	-	-	-	1	-	-	1	2	-	1	
Green - - - -	16131	18	11	5	-	-	-	-	-	-	-	-	-	-	2	-	-	
Green - - - -	29919	34	11	4	1	-	-	-	-	-	-	1	-	-	-	2	-	
Green Western - - -	38128	32	13	7	1	-	-	-	-	-	-	-	-	-	-	-	-	
Green Eastern WHH -	55024	35	24	12	1	-	-	-	-	-	1	-	-	-	4	2	1	
Green - - - -	67765	77	41	16	11	-	-	-	-	-	-	-	1	-	8	1	3	
Green - - - -	48611	35	23	9	2	2	-	-	-	-	1	-	1	-	5	-	15	
DISTRICTS.																		
Northwich WH - - -	14573	11	6	1	3	-	-	-	-	-	-	-	-	-	1	1	3	
Northwich H - - - -	15677	11	3	2	-	-	-	-	-	-	-	-	-	-	1	-	-	
Northwich - - - -	20421	16	6	2	-	-	-	-	-	-	-	-	-	-	1	-	-	
Northwich H - - - -	16695	11	9	4	-	-	1	-	-	-	-	-	-	-	-	-	-	
Northwich L - - - -	18961	20	9	7	-	-	-	-	-	-	-	-	-	-	-	-	-	
Northwich - - - -	23682	27	13	6	2	1	-	1	-	-	-	-	-	-	3	-	-	
Northwich W - - - -	48248	60	31	11	3	3	1	1	-	-	-	-	-	-	1	-	-	
Northwich - - - -	16792	17	7	3	-	-	-	-	-	-	-	1	-	-	2	-	7	
Northwich H - - - -	4873	2	8	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
Northwich W - - - -	10500	3	6	2	1	-	-	-	-	-	-	-	-	-	1	2	8	
Northwich - - - -	16787	20	6	4	-	-	-	-	-	-	-	-	-	-	1	-	-	
Northwich W - - - -	16709	4	8	2	3	-	-	-	-	-	-	-	-	-	3	1	-	
Northwich - - - -	47933	44	21	11	2	-	-	1	-	-	-	-	-	-	5	1	4	
Northwich - - - -	27096	14	11	4	4	-	-	-	-	-	4	-	-	-	1	1	3	
Northwich H - - - -	14074	11	8	5	-	-	1	-	-	-	-	-	-	-	-	-	1	
Northwich H - - - -	18465	13	9	2	1	-	-	-	-	-	-	-	-	-	1	-	1	
Northwich 1st H - - -	19492	14	16	4	1	-	-	-	-	-	-	1	-	-	1	1	8	
Northwich 2nd WW - - -	35833	29	26	6	8	-	-	-	-	-	-	-	-	-	2	-	12	
Northwich - - - -	41286	22	16	6	5	1	-	2	-	-	-	-	-	-	1	-	-	
Northwich - - - -	31221	17	9	2	2	-	-	1	-	-	-	-	-	-	1	-	-	
Northwich - - - -	35435	54	23	5	3	4	-	1	1	1	-	-	-	-	2	1	6	
Northwich - - - -	12536	7	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
Northwich - - - -	27347	20	7	3	2	-	-	-	-	-	-	-	-	-	-	1	-	
Northwich - - - -	54016	54	36	11	7	2	-	-	1	-	-	-	-	-	7	1	3	
Northwich - - - -	19783	13	9	2	3	-	-	-	-	-	1	-	-	-	-	-	4	
Northwich - - - -	9439	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Northwich - - - -	14475	7	7	-	3	-	-	-	-	-	-	-	-	-	1	-	-	
Northwich - - - -	4041	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Northwich L† - - - -	31254	28	11	1	2	-	-	-	-	-	-	-	-	-	1	-	-	
Northwich - - - -	42160	46	13	5	6	-	-	-	-	-	-	-	-	-	1	1	3	
Northwich - - - -	33851	27	12	5	2	1	-	-	-	-	-	-	-	-	4	-	-	
Northwich W - - - -	53714	50	21	6	2	4	1	-	-	2	1	-	-	-	2	-	4	
Northwich - - - -	6474	6	2	2	-	-	-	-	-	-	-	-	-	-	1	-	-	
Northwich - - - -	21034	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Northwich WH - - - -	19378	14	12	4	1	-	-	-	-	-	-	-	-	-	2	-	6	
Northwich - - - -	4539	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Northwich WH - - - -	16440	15	5	3	1	-	-	-	-	-	-	-	-	-	-	2	-	
Northwich - - - -	11513	11	5	-	2	-	-	-	-	-	-	-	-	-	-	-	1	
Northwich - - - -	19065	24	11	3	3	-	-	-	-	1	-	-	-	-	-	-	-	
Northwich - - - -	9564	5	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-	
Northwich - - - -	17226	11	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
Northwich WHH - - -	18331	14	7	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
Northwich - - - -	13027	14	5	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
Northwich W - - - -	15232	15	3	-	1	-	-	-	-	-	-	-	-	-	-	-	1	

WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the

North Sick Asylum in Tottenham-court sub-district.

North Kentish Town sub-district.

North Islington East sub-district.

North Hackney sub-district.

North Hoxton New Town sub-district.

North Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney Bow sub-district.
Poplar & Stepney Sick Asylum
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

Districts of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston sub-district.

Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 21st July 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include											
						Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.		
	LONDON—OUTER RING	368,414	631,381	460	212	53	47	4	4	2	-	6	2	14	10	13	25
29:1	Carshalton W - - -	12228	13523	5	2	1	-	-	-	-	-	-	-	-	-	-	-
2	Epsom (part of) * WH -	9971	9145	8	-	-	-	-	-	-	-	-	-	-	-	-	-
36:1	Godstone (part of) * - -	2754	900	1	1	1	-	-	-	-	-	-	-	-	-	-	-
37:1	Croydon WWH - - -	20851	71319	47	21	3	5	-	-	1	-	-	2	-	-	-	1
2	Mitcham WH - - -	11697	12534	14	3	1	1	-	-	-	-	-	-	1	-	-	-
38:1	Wimbledon HH - - -	3220	9087	12	6	1	1	-	1	-	-	1	-	1	-	1	-
2	Kingston WH - - -	8549	27489	24	10	3	3	-	-	-	-	-	-	1	1	2	-
3	Esher (part of) * - - -	6601	7353	9	1	-	1	-	-	-	-	-	-	-	-	-	-
4	Hampton - - -	4573	10185	7	9	2	2	-	-	-	-	1	-	-	-	2	-
39:1	Richmond WH - - -	2271	16829	6	5	1	8	-	-	-	-	-	-	1	-	-	3
2	Mortlake - - -	2961	9316	3	2	-	1	-	-	-	-	-	-	1	-	-	-
40:1	Bromley (part of) * HH -	15669	19509	9	6	1	-	-	-	-	-	-	-	1	-	-	-
2	Chislehurst (part of) * W -	13665	10028	9	2	1	-	-	-	-	-	-	-	-	-	-	-
41:1	Bexley H - - -	13439	19566	9	5	1	1	-	-	-	-	-	-	-	1	1	-
123:1	Sunbury W - - -	11055	9860	3	2	-	2	-	-	-	-	-	-	-	-	-	1
2	Staines W - - -	13277	10339	5	2	2	-	-	-	-	-	-	-	-	-	-	-
124:1	Hillingdon WH - - -	6029	9712	7	1	-	1	-	-	-	-	-	-	-	-	-	-
2	Uxbridge - - -	6178	5329	5	2	-	-	-	-	-	-	-	-	-	-	-	4
3	Hayes WL - - -	14587	10497	4	8	-	3	-	-	-	-	-	-	-	1	1	-
125:1	Isleworth W - - -	7008	19930	9	3	2	1	-	-	-	-	-	-	-	-	-	1
2	Twickenham - - -	2477	10533	10	3	1	-	-	-	-	-	-	-	-	-	-	-
3	Brentford HL - - -	4370	20279	4	2	-	1	-	-	-	-	-	-	-	-	-	-
4	Chiswick - - -	1311	8508	5	3	1	1	-	-	-	-	1	-	1	-	-	-
5	Acton WH - - -	6087	12683	11	5	2	1	-	-	-	-	2	-	-	-	-	-
126:1	Harrow H - - -	13809	10869	8	2	1	1	-	-	-	-	-	-	-	-	-	-
2	Edgware - - -	6994	3450	2	-	-	-	-	-	-	-	-	-	-	-	1	-
3	Willesden - - -	4383	15869	15	7	-	-	-	-	-	-	-	-	-	2	1	-
4	Hendon WH - - -	8382	6972	1	2	-	1	-	-	-	-	-	-	-	1	1	-
127:1	South Mimms - - -	15419	5924	3	4	1	-	-	-	-	-	1	-	-	-	-	-
2	Barnet W - - -	5423	7752	5	5	1	3	-	-	-	-	-	-	1	1	1	6
3	Finchley L - - -	4688	11493	9	9	1	-	-	1	-	-	-	-	-	-	-	-
128:1	Hornsey H - - -	3039	19357	16	3	1	1	-	-	-	-	-	-	2	-	-	-
2	Tottenham H - - -	4642	22869	23	5	2	-	-	-	1	-	-	-	-	-	-	3
3	Edmonton WW - - -	7483	13860	10	7	1	4	-	-	-	-	-	-	-	-	-	-
4	Enfield WH - - -	12653	16054	4	3	1	-	-	-	-	-	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	4	2	1	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - -	8493	7518	3	2	-	-	-	1	-	-	-	-	-	-	-	-
134:1	Hatfield (part of) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136:1	Bushey - - -	9028	6472	8	1	1	-	-	-	-	-	-	-	-	-	-	-
185:1	Stratford - - -	882	23286	25	11	5	2	-	-	-	-	-	-	1	-	-	1
2	West Ham WWWW - - -	7345	44642	56	25	8	2	4	-	-	-	-	-	3	1	1	4
3	Leyton WW - - -	4274	15513	10	9	1	2	-	1	-	-	-	-	-	-	-	-
4	Walthamstow H - - -	6619	15701	15	4	-	2	-	-	-	-	-	-	-	1	1	-
186:1	Chigwell (part of) * H -	10483	8169	6	2	2	-	-	-	-	-	-	-	-	-	-	-
188:	Romford (part of) * - -	6730	2879	1	1	1	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - -	8492	5947	3	1	-	1	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	7	3	1	-	-	-	-	-	-	-	-	1	1	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:— 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 905); 36: 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134: 1, only the parish of Northaw in Hatfield sub-district; 186: 1, the whole of the Chigwell sub-district, except the parish of Tholdon-Bolt (pop. 793); 188: 1, only the parish of Dagenham in Romford sub-district.

8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 21st July 1877.

THE WATER DOON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from									Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.		
LONDON	446,494	4,367,547	19·7	4·3	1650	551	298	39	46	21	6	42	23	187	52	290	
LONDON -	78,080	3,533,484	21·2	4·9	1438	498	251	35	42	19	6	36	21	173	42	265	
RING -	368,414	834,063	13·3	2·0	212	53	47	4	4	2	-	6	2	14	10	25	

The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal waters and foreshore. This area is equal to 6·4 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 1,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 28 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
Calcutta -	429,535	June	16	-	204	24·7	Fevers 63; cholera 6.
Bombay -	644,405	„	19	-	817	65·9	Cholera 206.
Madras -	397,552	„	8	-	-	-	
Paris -	1,988,806	July	19	-	889	23·2	Typhoid fever 25 ; measles 13.
Geneva* -	67,829	„	14	37	22	16·9	-
Brussels -	188,609	„	14	97	83	24·9	Seven unvaccinated fatal cases of small-pox.
AmsTERDAM -	289,981	„	14	197	129	22·6	Measles 4.
AmSTERDAM -	136,231	„	14	107	54	20·5	-
THE HAGUE -	104,095	„	14	53	31	15·5	-
COPENHAGEN -	215,000	„	17	135	108	26·2	-
StockHOLM -	146,845	„	7	-	80	28·3	Whooping-cough 3.
CHRISTIANIA -	79,000	„	14	44	32	21·1	Whooping-cough 3.
BERLIN -	997,269	June	30	801	1053	54·7	Diarrhœal diseases 550.
HAMBURG (State) -	393,588	„	30	296	177	23·5	Measles 3.
DRESDEN -	202,295	July	7	135	115	29·6	-
WIESLAU -	246,813	„	14	209	153	31·0	Typhus 3.
MUNICH -	209,000	„	14	188	138	33·0	Diarrhœal diseases 39.
VENNA -	714,548	„	14	506	376	27·4	Small-pox 14; diphtheria 11.
VIENNA-PESTH -	315,401	„	7	244	240	39·6	Typhus 14.
PRAGUE -	278,099	June	30	130	120	22·4	Small-pox 5; diphtheria and croup 7.
BRISLES -	454,948	July	1	-	255	29·0	Diphtheria 7.
BRISLES -	223,488	„	7	128	126	29·1	Typhoid fever and typhus 6.
NICE -	139,796	„	7	85	70	26·3	Diphtheria and croup 4.
ALEXANDRIA -	212,034	„	7	162	176	43·3	Whooping-cough 4.
NEW YORK -	1,077,228	June	23	-	422	20·4	Scarlet fever 23.
BROOKLYN -	527,830	„	23	-	175	17·2	Scarlet fever 25.
PHILADELPHIA -	850,856	„	30	-	338	20·7	Scarlet fever 15; infantile cholera 75.
BOSTON -	363,000	„	23	-	108	15·4	Diphtheria 11.

* With suburbs, including Genf, Plain-palais, and Eaux-Vives.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 21st JULY, 1877.
[Under the Superintendence of the Astronomer Royal.]

[illegible]

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873. *In reading the 17th and 25th columns it will be borne in mind that + is read “higher,” and — “lower,” than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship “Royalist,” at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

SKY AND ATMOSPHERE.

SUNDAY . 15	5.5	16.1	Cloudy. Showery. Lightning and thunder shortly after 1h. P.M.
MONDAY . 16	2.1	16.1	Fine in early morning; overcast with frequent rain after 9h. A.M. At night rain fell very heavily.
TUESDAY . 17	0.0	16.0	Overcast generally. Occasional rain.
WEDNESDAY 18	8.1	16.0	A fine day; partially cloudy.
THURSDAY . 19	0.4	16.0	Overcast generally. Showery in afternoon.
FRIDAY . 20	8.6	15.9	A very fine day. The amount of cloud varied.
SATURDAY . 21	13.1	15.9	A very fine day. Partially cloudy.
Sum	37.8	Sum 112.0	
No electricity was shown throughout the week.			

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

30. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, JULY 28. [Price 1½d.

*General Register Office, Somerset House,
30th July, 1877.*

UNITED KINGDOM.

DURING last week 5722 *births* and 3291 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2431. The mortality from all causes was at the average of 21 deaths annually in every 1000 persons living. The annual death-rate was 16 per 1000 in Edinburgh, 21 in Glasgow, and 18 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Wolverhampton 15, Brighton 16, Oldham 17, Leeds 19, Sheffield 19, Bristol 19, Newcastle-upon-Tyne 20, Bradford 20, Nottingham 20, London 21, Portsmouth 21, Plymouth 21, Norwich 22, Hull 22, Birmingham 22, Sunderland 22, Liverpool 25, Manchester 25, Leicester 26, and Salford 27. The annual death-rate from the seven principal zymotic diseases averaged 4·2 per 1000 in the twenty towns, and ranged from 1·1 in Nottingham, to 5·3 and 5·7 in Portsmouth and Plymouth. In the twenty towns 36 deaths from small-pox were registered, of which 27 occurred in London, 5 in Liverpool, one in Manchester, and one in Birmingham. The annual death-rate from diarrhœa averaged 2·0 per 1000 in the twenty towns; in London it was equal to 2·7, whereas it did not average more than 1·3 in the nineteen provincial towns.

LONDON.

IN LONDON 2429 BIRTHS and 1430 DEATHS were registered. Allowing for the natural increase of population, the births exceeded by 98, whereas the deaths were 314 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two preceding weeks had been equal to 21·1, and 21·2 per 1000, further declined last week to 21·1.

The 1430 deaths included 27 from small-pox, 51 from measles, 25 from scarlet fever, 4 from diphtheria, 23 from whooping-cough, 24 from different forms of fever, and 184 from diarrhœa; thus to the seven principal diseases of the zymotic class 338 deaths were referred, against numbers increasing from 210 to 332 in the two preceding weeks. These 338 deaths were, however, 205 below the corrected average number from the same diseases in the corresponding week of the last ten years; they were equal to an annual rate of 5·0 per 1000. The 51 deaths from measles showed a further increase of 9 upon the numbers returned in the two preceding weeks, and included 20 in the East and 12 in the North groups of districts; 10 occurred in Islington, 6 in Bethnal Green, and 7 in Whitechapel. Whooping-cough caused 4 deaths in Islington. The 25 deaths from scarlet fever exceeded the average numbers in recent weeks, and included 3 in Clerkenwell, and 4 in St. John sub-district of Marylebone; 2 of the latter occurred in different families living at 27, Strandridge Place. The 24 deaths referred to fever were 10 below the corrected average weekly number; 2 were certified as typhus, 15 as enteric or typhoid, and 7 as low or simple continued fever. Of the two deaths referred to typhus, one occurred in St. George's Workhouse, and one in the Stockwell Fever Hospital; the other case had been admitted from Clerkenwell.

The fatal cases of small-pox, which had been 32 and 35 in the two preceding weeks, declined to 27 last week; of these, 17 were recorded in the Metropolitan General Hospitals, and the remaining 10 occurred in private dwellings. Three small-pox deaths occurred in private dwellings in Poplar. After distributing the 17 hospital cases, it appears that 5 of the deceased small-pox patients had resided in Poplar, and 5 in Newington. Of the 27 fatal cases, 13 were certified to be vaccinated, 4 to be vaccinated, and in the remaining 10 cases information as to vaccination was omitted from the medical certificates.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which in the nine preceding weeks had steadily declined from 964 to 588, further declined last week to 530; the admissions were 75, against 146, 136, and 82 in the three previous weeks. The Highgate Small-pox Hospital contained 31 patients on Saturday last, against 34 at the end of the previous week.

The deaths referred to diarrhœa, which in the eight previous weeks had steadily increased from 13 to 173, further rose to 184 last week, which were, however, no less than 171 below the corrected average weekly number; 154 were of infants under one year of age, and 18 of children aged between one and five years. The deaths from diarrhœa in London were equal to an annual rate of 2·7 per 1000; the rate from this disease was equal to 4·7 in the East group of districts, whereas it did not exceed 2·2 in the rest of London. Nine deaths were referred to simple cholera and to choleraic diarrhœa, of which 3 were adult cases.

The cause of the death of a married woman, aged 28 years, in Mitre Street, Lambeth, was entered in the Death Register as "unknown"; two medical practitioners acquainted with the case declined to certify the cause of death, and on reference to Mr. Carter, the coroner, he pronounced an inquest to be unnecessary.

Different forms of violence caused 44 deaths; 39 were the result of negligence or accident, including 15 from fractures and contusions, 2 from burns and scalds, 13 from drowning, and 6 of infants under one year of age from suffocation. The 15 deaths from fractures and contusions were thus caused: male 7, crushed by a tram-car; male 34, run over by a van; male 64, fell from a van; male 9, run over by an omnibus; male 29, crushed by buffers on a railway; males 36 and 11, fell from ladders; males 14 and 32, crushed by falling house; male 26, fell from window; male 86, fell down steps; male 2, fell out of bed; male 56, concussion of brain from fall (nature of fall not stated); male 27, crushed by machinery (nature of machinery not stated); and male 5 months, by brain disease arising from fall. An inquest was held in each of these cases except the last, which was certified by a registered medical practitioner.

In the large Public Institutions 245 deaths were recorded, or 17 per cent. of the total deaths; of these, 155 occurred in Workhouse Establishments, 80 in Hospitals, and 10 in Lunatic Asylums.

GREATER LONDON.

In Greater London 2939 births and 1665 deaths were registered, equal to annual rates of 35·1 and 19·9 per 1000 of the population. Four fatal cases of small-pox were registered in the Outer Ring, of which 3 occurred in West Ham, and one in Hendon. Two deaths from scarlet fever were registered at Hampton.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 21, Bombay 61; Madras 108; Paris 23; Geneva 17; Brussels 21; Amsterdam 22, Rotterdam 22, The Hague 22; Copenhagen 24; Stockholm 27; Christiania 16; Berlin 56, Hamburg 22, Dresden 27, Breslau 30, Munich 36; Vienna 23; Buda-Pesth 47, Rome 26, Turin 33, Venice 23; Alexandria 45; New York 27, Brooklyn 24, Philadelphia 25, and Boston 17. Cholera caused 165 deaths in Bombay and 6 in Calcutta; in Madras, of 829 deaths, 120 resulted from small-pox and 87 from cholera.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·72 in.; the lowest reading was 29·36 in. on Monday, and the highest 29·99 in. on Saturday. The mean temperature of the *air* was 60°·8, and 1°·5 below the average in the corresponding week of the 60 years 1814-73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed a slight excess on Monday, but was below the average on each of the other days of the week. The lowest night temperature was 49°·6 on Saturday, and the highest day temperature in the shade 74°·0 on Tuesday; the extreme range in the week was, therefore, 24°·4. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 129°·7 on Friday. The difference between the mean *dew-point* and *air* temperature averaged 6°·2. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 64°·2. The mean degree of *humidity* of the air was 80, complete saturation being represented by 100. The general direction of the *wind* was Westerly, and the horizontal movement of the air averaged 12·6 miles per hour, which was 2·6 above the average in the corresponding week of 16 years. *Rain* fell on three days of the week, to the aggregate amount of 0·60 of an inch. The duration of registered sunshine in the week was 21·7 hours, out of the 109·9 hours that the sun was above the horizon.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames was 301,757 cubic metres at Crossness, and 366,554 cubic metres at Barking, equivalent to about as many tons by weight.

BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 28th July 1877.

TOWNS.	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 28th July 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
London	212,881	8,144,940	38·3	5722	3291	77·0	48·0	59·7	15·39	0·60	1·52
London	75,362	3,533,484	46·9	2429	1430	74·0	49·6	60·8	16·01	0·60	1·52
London	2,354	102,264	43·4	48	32	70·7	55·9	61·5	16·39	0·74	1·88
London	4,486	127,144	28·3	78	52	67·3	56·0	59·9	15·50	0·73	1·85
London	7,472	84,023	11·2	49	35	70·4	55·5	61·2	16·22	0·39	0·99
London	1,395	72,911	52·3	45	30	66·5	56·2	59·6	15·34	1·32	3·35
London	4,452	202,950	45·6	131	74	70·1	54·2	60·4	15·78	0·92	2·34
London	3,396	73,389	21·6	56	21	66·5	52·0	57·4	14·11	0·65	1·65
London	8,400	377,436	44·9	299	160	-	-	-	-	-	-
London	3,200	117,461	36·7	77	58	-	-	-	-	-	-
London	1,996	95,025	47·6	53	37	70·3	52·8	59·7	15·39	0·63	1·60
London	5,210	527,083	101·2	373	253	66·5	50·9	58·1	14·50	0·33	0·84
London	4,293	359,213	83·7	259	172	-	-	-	-	-	-
London	5,170	141,184	27·3	145	73	66·7	51·9	57·5	14·17	0·72	1·83
London	4,666	89,796	19·2	75	30	-	-	-	-	-	-
London	7,220	179,315	24·8	128	68	67·3	55·3	59·5	15·23	0·43	1·09
London	21,572	298,189	13·8	210	108	68·2	55·4	60·0	15·56	0·59	1·50
London	19,651	282,130	14·4	192	102	69·3	53·0	59·3	15·17	0·42	1·07
London	3,635	140,002	38·5	116	59	70·4	55·0	60·9	16·06	0·78	1·98
London	3,306	110,882	33·4	86	47	77·0	53·0	61·7	16·50	0·20	0·51
London	5,371	142,231	26·5	111	53	-	-	-	-	-	-
London	4,191	218,729	52·2	158	67	68·4	50·5	58·8	14·89	0·42	1·07
London	6,033	555,933	92·1	430	223	66·6	52·0	58·2	14·55	0·45	1·14
London	10,050	314,666	31·3	169	107	69·7	48·0	60·0	15·56	0·45	1·14

of the Meteorological Observers in the several towns, see note at foot of Table 4.
for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by
of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The
Dublin is taken as stationary at the number enumerated in April 1871.

DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population
5,055,612 persons, and in DUBLIN, during the Week ending Saturday the 28th July 1877.

, &c.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.		
NS	21·4	4·2	2894	899	521	36	85	47	9	69	50	275	109	178	433
-	21·1	5·0	1430	464	245	27	51	25	4	23	24	184	44	89	245
-	16·3	2·0	32	8	6	-	-	-	-	3	-	1	1	2	3
-	21·3	5·3	52	21	15	-	-	-	1	3	2	7	1	1	8
-	21·7	2·5	35	13	8	-	-	-	-	-	1	3	1	2	5
-	21·5	5·7	30	11	8	-	-	1	-	-	1	6	2	2	1
-	19·0	4·9	74	25	14	-	5	-	-	4	2	8	4	4	15
TON	14·9	3·6	21	5	7	-	3	2	-	-	-	-	1	2	4
-	22·1	3·6	160	50	24	1	4	1	1	3	4	12	12	20	23
-	25·8	4·0	58	26	14	-	-	1	-	3	-	5	-	-	7
-	20·3	1·1	37	11	6	-	-	-	-	-	2	-	1	1	2
-	25·0	4·6	253	88	32	7	7	1	1	11	4	15	23	24	41
-	25·0	4·1	172	39	28	1	8	6	-	3	1	9	7	15	32
-	27·0	5·2	73	30	5	-	2	2	-	3	-	7	2	2	4
-	17·4	4·7	30	7	7	-	-	-	1	4	-	3	-	-	1
-	19·8	2·6	68	14	9	-	-	3	-	2	1	3	-	-	1
-	18·9	1·4	108	25	38	-	3	-	-	4	-	1	3	6	17
-	18·9	1·7	102	26	21	-	-	-	-	3	4	2	2	3	5
-	22·0	3·0	59	14	17	-	1	2	-	-	2	3	4	4	7
-	22·2	2·8	47	12	6	-	-	1	1	-	1	3	1	1	3
N-TYNE	19·4	2·6	53	10	11	-	1	2	-	-	1	3	-	-	9
-	17·7	3·7	107	20	16	1	14	-	-	3	1	3	3	3	39

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the THIRTIETH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2163	2003	2142	2078	2137	2158	2137	2327	2362	2279	2178·6	2429
Males . .	1107	980	1066	1076	1058	1087	1060	1185	1203	1165	1098·7	1230
Females .	1056	1023	1076	1002	1079	1071	1077	1142	1159	1114	1079·9	1199
TOTAL Deaths	1347	1885	1646	1700	1420	1643	1609	1651	1422	1973	1629·6	1430
Males . .	687	945	863	874	734	833	825	846	778	1036	842·1	726
Females .	660	940	783	826	686	810	784	805	644	937	787·5	704

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867–76 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	May 5.	May 12.	May 19.	May 26.	June 2.	June 9.	June 16.	June 23.	June 30.	July 7.	July 14.	July 21.	July 28.
TOTAL Deaths - - -	1490	1613	1564	1392	1443	1429	1315	1271	1300	1322	1449	1438	1430
0—20 - - -	708	745	758	651	688	692	663	632	609	691	795	788	789
20—40 - - -	220	241	200	211	233	226	180	188	205	189	182	174	190
40—60 - - -	274	280	272	243	241	239	218	217	249	206	217	225	206
60—80 - - -	241	297	265	250	234	224	207	199	196	194	223	202	206
at 80 years & upwds.	47	50	69	37	47	48	47	35	41	42	32	49	39
Deaths of { Under 1 year -	334	325	341	293	304	282	287	306	275	378	447	498	464
children { 1—5 - - -	260	310	318	249	268	286	260	222	224	207	227	192	199
{ 5—20 - - -	114	110	99	109	116	124	116	104	110	106	121	98	126
Deaths from 7 principal Zymo- } tic Diseases {	189	245	246	220	236	220	218	210	223	244	324	332	338
" " Smallpox - - -	54	78	70	69	61	58	55	44	44	23	32	35	27
" " Measles - - -	44	45	59	56	69	65	61	42	45	44	28	42	51
" " Scarlet Fever - -	16	24	20	21	28	19	14	14	24	18	21	19	25
" " Diphtheria - - -	2	4	4	3	8	6	7	7	6	9	7	6	4
" " Whooping-cough -	43	58	59	34	41	40	38	35	28	35	46	36	23
" " Typhus fever - - -	3	2	2	1	3	1	4	5	6	6	1	2	2
" " Enteric (or Ty- } phoid) fever - - -	13	12	6	16	11	11	9	12	15	10	14	15	15
" " Simple Cont ^d fever -	5	2	4	7	2	4	3	5	5	3	6	4	7
" " Diarrhoea - - -	9	20	22	13	13	16	27	46	50	96	169	173	184
" " Simple Cholera - -	-	-	-	-	-	-	-	2	2	6	14	9	9
" " Dis. of Respira- } tory Organs - - -	327	355	338	303	259	251	199	166	162	144	159	181	169
" " Phthisis - - -	192	208	149	155	174	174	163	161	198	176	159	149	153
" " Heart Diseases - -	92	93	91	86	91	77	67	67	77	62	76	76	84
Violent Deaths - - -	46	53	48	36	58	59	76	62	52	56	60	42	44
Inquest Cases - - -	84	84	104	82	92	101	116	94	86	86	96	75	89
Deaths in Public Institutions	296	334	315	277	300	293	275	272	281	255	271	265	245
TEMPERATURE OF THE AIR:													
Mean - - -	41·3	49·2	51·1	49·1	53·7	60·4	62·2	63·3	61·6	58·2	61·1	59·1	60·8
Mean of Highest readings -	51·4	61·6	60·6	57·5	63·6	74·4	75·1	77·6	76·8	71·6	73·9	69·0	71·3
Mean of Lowest readings -	35·1	38·8	45·3	44·5	46·7	48·7	51·7	51·5	50·0	48·9	50·7	53·0	53·4
Mean Temperature of the Water of the Thames - - -	48·4	50·1	54·4	53·9	55·4	58·8	64·3	67·3	65·6	65·8	64·6	64·3	64·2
Humidity of the Air - - -	72	71	82	74	73	68	72	63	61	71	71	76	80
Rain-fall in inches - - -	0·20	0·24	0·80	0·23	0·28	0·07	0·41	0·01	0·01	0·63	0·37	0·84	0·60
Registered Sunshine (in hours)	21·2	52·7	19·5	13·5	44·0	70·3	68·9	67·0	58·4	46·0	40·5	37·8	21·7

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Pilliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTIETH Week of the Year 1877.

		In the Week ending Saturday, July 28, 1877.										In the Week ending Saturday, July 28, 1877.									
		Deaths of Persons of the Ages								CAUSES OF DEATH.		Deaths of Persons of the Ages									
ATH.		Average in the Thirtieth Weeks of the 10 years 1867-76.	ALL AGES.	Under 20.			40. 20 and under 40.	60. 40 and under 60.	80. 60 and under 80.	80 Years and upwards.			Average in the Thirtieth Weeks of the 10 years 1867-76.	ALL AGES.	Under 20.			40. 20 and under 40.	60. 40 and under 60.	80. 60 and under 80.	80 Years and upwards.
			Mean Tem.	0-1.	1-5.	5-20.					Mean Tem.	0-1.		1-5.	5-20.						
ure -		64.3	60.8								Mean Temperature	64.3	60.8								
USES		1629.6	1430	464	199	126	190	206	206	39	9. Stricture of Intestines	1.1	1	-	-	-	1	-	-	-	
ASES.		1621.0	1427	463	199	126	188	206	206	39	10. Fistula - - -	.3	-	-	-	-	-	-	-	-	
											11. Stomach Disease, &c. -	8.3	2	-	-	-	1	-	1	-	
											12. Pancreas Disease, &c. -	-	-	-	-	-	-	-	-	-	
											13. Hepatitis - - -	3.3	6	1	-	1	-	2	2	-	
											14. Jaundice - - -	5.4	6	2	-	-	-	2	2	-	
											15. Liver Disease, &c. -	21.4	20	1	1	-	1	11	6	-	
											16. Spleen Disease, &c. -	.4	-	-	-	-	-	-	-	-	
											ORDER 5.										
											1. Nephritis - - -	2.0	1	-	-	-	-	-	1	-	
											2. Ischuria - - -	.4	-	-	-	-	-	-	-	-	
											3. Bright's Dis. (Nephria)	11.2	15	-	-	2	3	4	6	-	
											4. Diabetes - - -	1.7	3	-	-	-	-	2	1	-	
											5. Calculus (Stone) - -	.6	-	-	-	-	-	-	-	-	
											6. Cystitis - - -	.8	1	-	-	-	-	-	1	-	
											7. Kidney Disease, &c. -	6.9	6	-	-	-	1	2	2	1	
											ORDER 6.										
											1. Ovarian Dropsy - -	.6	3	-	-	-	1	1	1	-	
											2. Uterus Disease, &c. -	4.5	5	-	-	-	1	4	-	-	
											ORDER 7.										
											1. Synovitis (Arthritis) -	.2	-	-	-	-	-	-	-	-	
											2. Joint Disease, &c. -	5.5	8	-	1	3	3	-	1	-	
											ORDER 8.										
											1. Phlegmon - - -	2.5	2	-	-	-	-	2	-	-	
											2. Ulcer - - -	1.1	2	1	-	-	-	1	-	-	
											3. Skin Disease, &c. -	1.0	1	1	-	-	-	-	-	-	
											IV. DEVELOPMENTAL DISEASES.										
											ORDER 1.										
											1. Premature Birth - -	26.2	25	25	-	-	-	-	-	-	
											2. Cyanosis - - -	2.0	1	1	-	-	-	-	-	-	
											3. Spina Bifida - - -	1.0	2	2	-	-	-	-	-	-	
											4. Other Malformations -	1.1	1	1	-	-	-	-	-	-	
											5. Teething - - -	19.6	13	6	7	-	-	-	-	-	
											ORDER 2.										
											1. Paramenia - - -	.3	1	-	-	-	-	1	-	-	
											2. Childbirth (see Puer- peral Fever) - - -	5.9	3	-	-	-	3	-	-	-	
											ORDER 3.										
											1. Old Age - - -	39.4	40	-	-	-	-	-	19	21	
											ORDER 4.										
											1. Atrophy and Debility	89.5	72	64	1	1	-	3	3	-	
											V. VIOLENT DEATHS, &c.										
											ORDER 1.										
											(ACCIDENT OR NEGLIGENCE.)										
											1. Fractures & Contusions	17.0	15	1	1	4	6	1	1	1	
											2. Wounds { Gunshot -	1.1	-	-	-	-	-	1	-	-	
											{ Cut, Stab }	-	1	-	-	-	-	-	-	-	
											3. Burns and Scalds -	3.6	2	-	-	2	-	-	-	-	
											4. Poison - - -	1.3	-	-	-	-	-	-	-	-	
											5. Drowning - - -	13.5	13	-	1	4	3	4	1	-	
											6. Suffocation - - -	7.1	7	6	1	-	-	-	-	-	
											7. Otherwise - - -	4.8	1	-	1	-	-	-	-	-	
											ORDER 3.										
											(HOMICIDE.)										
											1. Murder & Manslaughter	3.1	-	-	-	-	-	-	-	-	
											ORDER 4.										
											(SUICIDE.)										
											1. Wounds { Gunshot -	.1	-	-	-	-	-	-	-	-	
											{ Cut, Stab -	.8	1	-	-	-	-	1	-	-	
											2. Poison - - -	.5	-	-	-	-	-	-	-	-	
											3. Drowning - - -	1.4	-	-	-	-	-	-	-	-	
											4. Hanging - - -	1.6	2	-	-	-	-	1	1	-	
											5. Otherwise - - -	.7	2	-	-	-	2	-	-	-	
											ORDER 5.										
											(EXECUTION.)										
											1. Hanging - - -	-	-	-	-	-	-	-	-	-	
											Violent Deaths(not classed)	1.3	-	-	-	-	-	-	-	-	
											Sudden Deaths (Cause unascertained) - - -	.8	1	-	-	-	1	-	-	-	
											Causes not specified or ill-defined - - -	7.8	2	1	-	-	1	-	-	-	

a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, TYPHUS, ENTERIC (OR TYPHOID) FEVER, SIMPLE CONTINUED FEVER, DIARRHOEA, VIOLENCE, &c., during the Week ending

REGISTRATION SUB-DISTRICTS.		Enu- me- rated Popu- lation, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include														Inquest Cases, Deaths in Public Buildings.
					Deaths of		Deaths from												
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.			
LONDON - - -		3,254,260	2429	1430	464	245	27	51	25	4	23	2	15	7	184	44	89		
WEST DISTRICTS - - -		561,359	356	232	68	54	6	7	4	2	4	1	3	-	27	4	6		
NORTH DISTRICTS - - -		751,729	620	325	108	57	11	12	6	-	6	-	3	3	41	8	16		
CENTRAL DISTRICTS - - -		334,369	146	132	39	25	-	4	3	-	-	-	1	-	15	7	18		
EAST DISTRICTS - - -		639,111	527	340	124	48	4	20	3	1	7	-	2	1	61	11	25		
SOUTH DISTRICTS - - -		967,692	780	401	125	61	6	8	9	1	6	1	6	3	40	14	21		
WEST DISTRICTS.																			
St. Mary Paddington WH - - -		58728	45	29	7	9	-	2	-	-	1	-	2	-	5	-	-		
St. John Paddington H - - -		38085	16	12	1	4	-	-	1	-	1	-	-	-	-	1	1		
Kensington Town W - - -		91645	70	34	10	9	-	-	-	-	1	-	1	-	2	1	1		
Brompton H - - -		28654	13	8	3	2	-	-	-	1	-	-	-	-	1	-	-		
St. Peter Hammersmith - - -		6662	7	4	2	-	-	-	-	-	-	-	-	-	-	-	-		
St. Paul Hammersmith H - - -		36029	43	19	11	2	-	-	-	-	-	-	-	-	5	1	1		
Fulham WvH - - -		23350	19	25	9	6	4	-	-	-	-	-	-	-	6	-	-		
Chelsea South HHH - - -		26420	17	13	5	3	-	1	-	-	-	-	-	-	2	-	-		
Chelsea North-west WHHHH - - -		22926	21	14	2	4	1	1	-	-	1	-	-	-	1	-	1		
Chelsea North-east - - -		21392	12	2	1	1	-	-	-	-	-	-	-	-	-	-	-		
Hanover Square H - - -		18698	8	9	4	1	1	-	-	-	-	-	-	-	2	-	-		
May Fair WW - - -		13358	6	10	2	5	-	-	-	-	-	1	-	-	-	-	1		
Belgrave HH - - -		57972	23	25	2	6	-	1	-	1	-	-	-	-	-	1	1		
St. John Westminster HH - - -		38478	25	12	2	-	-	2	2	-	-	-	-	-	1	-	2		
St. Margaret Westminster WH - - -		27781	12	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
Golden Square WH - - -		12860	3	2	-	-	-	-	-	-	-	-	-	-	-	-	1		
Berwick-street H - - -		20759	8	6	4	1	-	-	1	-	-	-	-	-	1	-	-		
St. Anne Soho HHHHH - - -		17562	8	5	3	1	-	-	-	-	-	-	-	-	1	-	-		
NORTH DISTRICTS.																			
All Souls Marylebone HHHH - - -		28579	23	9	-	3	-	1	-	-	-	-	-	-	-	-	-		
Cavendish Square HH - - -		15425	8	1	1	-	-	-	-	-	-	-	-	-	1	-	-		
Rectory Marylebone WH - - -		26384	17	17	5	3	-	-	-	-	-	-	-	-	1	1	1		
St. Mary Marylebone HHH - - -		21786	29	12	5	1	-	-	-	-	-	-	-	1	3	-	-		
Christchurch Marylebone H - - -		33944	17	10	1	3	-	-	-	-	-	-	-	-	1	-	1		
St. John Marylebone H - - -		33136	19	15	5	3	-	-	4	-	1	-	-	-	2	-	-		
Hampstead WvHH - - -		32281	20	14	1	3	2	-	-	-	-	-	-	-	1	-	-		
Regent's Park Pancras - - -		38200	26	12	5	2	-	1	-	-	-	-	-	-	-	1	2		
Tottenham-court vHHH - - -		29370	19	20	4	3	-	1	-	-	-	-	-	-	3	2	2		
Gray's Inn Lane HHH - - -		29221	22	17	9	-	-	1	-	-	-	-	-	1	5	1	1		
Somers Town - - -		38533	33	10	1	2	-	-	-	-	-	-	-	-	1	-	1		
Camden Town WH - - -		17943	20	7	2	2	-	-	-	-	-	-	-	-	-	-	1		
Kentish Town w - - -		68198	66	37	11	9	-	1	1	-	1	-	-	-	5	-	1		
Islington West HHH - - -		97820	79	44	19	5	1	3	1	-	2	-	1	-	10	1	1		
Islington East WvvhH - - -		115958	111	45	15	10	-	2	-	-	2	-	1	-	1	-	1		
Stoke Newington H - - -		9841	9	3	1	2	-	-	-	-	-	-	-	-	-	-	-		
Stamford Hill - - -		6598	4	4	1	1	-	1	-	-	-	1	-	-	-	-	-		
West Hackney - - -		28069	18	5	3	-	-	-	-	-	-	-	-	-	3	-	2		
Hackney WvvhL - - -		50104	50	33	14	4	8	-	-	-	-	-	-	-	2	-	-		
South Hackney - - -		30339	30	10	5	1	-	1	-	-	-	-	-	1	2	-	-		
CENTRAL DISTRICTS.																			
St. George Bloomsbury - - -		17853	7	3	-	1	-	-	-	-	-	-	-	-	-	-	-		
St. Giles South WH - - -		19109	7	15	6	2	-	1	-	-	-	-	1	-	3	-	2		
St. Giles North - - -		16594	8	11	8	1	-	-	-	-	-	-	-	-	4	1	2		
Long Acre - - -		11379	5	2	1	1	-	-	-	-	-	-	-	-	-	-	-		
Charing Cross HH - - -		9859	1	7	-	1	-	-	-	-	-	-	-	-	-	1	3		
St. Mary-le-Strand - - -		9378	4	4	2	-	-	-	-	-	-	-	-	-	-	-	1		
St. Clement Danes H - - -		10723	6	8	2	1	-	1	-	-	-	-	-	-	1	-	-		
St. George-the-Martyr HHHHH - - -		20521	4	5	3	1	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew Eastern W - - -		13529	11	14	1	4	-	-	-	-	-	-	-	-	1	1	1		
Saffron Hill H - - -		9066	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. James Clerkenwell W - - -		18917	12	9	3	1	-	1	1	-	-	-	-	-	-	-	-		
Amwell Clerkenwell - - -		16884	7	9	6	1	-	-	-	2	-	-	-	-	2	-	-		
Pentonville - - -		13337	7	2	-	-	-	-	-	-	-	-	-	-	-	1	1		
Goswell-street - - -		16242	9	3	-	1	-	-	-	-	-	-	-	-	-	-	1		
Old-street H - - -		12161	10	1	1	-	-	-	-	-	-	-	-	-	-	-	1		
City-road HHL - - -		18301	14	8	3	2	-	-	-	-	-	-	-	-	1	-	2		
Whitecross-street - - -		13792	6	5	2	1	-	-	-	-	-	-	-	-	-	-	-		
Finsbury - - -		10741	6	3	-	2	-	-	-	-	-	-	-	-	-	-	-		
St. Botolph East London H - - -		14540	10	4	1	-	-	1	-	-	-	-	-	-	-	-	-		
Cripplegate - - -		13638	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
St. Sepulchre H - - -		7562	-	12	-	2	-	-	-	-	-	-	-	-	-	2	3		
St. Bride W - - -		11185	1	3	-	1	-	-	-	-	-	-	-	-	-	1	1		
Castle Baynard - - -		4426	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Christchurch - - -		6270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Queenhithe - - -		4753	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Allhallows Barking - - -		5764	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Broad-street H - - -		7845	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-		

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page.

THERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
h July 1877.

The DEATHS registered in the Week include																	
STATION DISTRICTS.	Enume- rated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhœa.	Violence.		
DISTRICTS.																	
itch - - - - -	12430	5	6	2	1	1	1	-	-	-	-	-	-	-	-	1	
editch HL† - - -	16545	10	2	1	-	-	-	-	-	-	-	-	-	1	-	-	
vn to - - - - -	27835	22	23	10	4	-	-	1	-	-	-	-	-	5	1	2	
n - - - - -	26933	32	5	2	1	-	-	-	-	-	-	-	-	-	-	4	
H - - - - -	43421	35	33	10	6	-	1	-	-	1	-	-	-	9	-	4	
Green WHL† - - -	29822	25	16	7	-	-	3	1	-	1	-	-	-	4	-	-	
Green - - - - -	42433	40	22	10	2	-	1	-	-	-	1	-	-	4	2	3	
Green - - - - -	26577	16	12	5	3	-	-	-	-	-	-	-	-	2	-	4	
Green - - - - -	21272	20	14	4	-	-	2	1	-	-	-	-	-	3	1	-	
- - - - -	22499	14	12	4	1	-	2	-	-	1	-	-	-	2	-	1	
own W - - - - -	15550	17	12	3	3	-	2	-	-	-	-	-	-	2	-	5	
th - - - - -	11597	12	3	2	-	-	1	-	-	-	-	-	-	1	-	-	
rch H - - - - -	7322	12	13	-	2	-	1	-	-	1	-	-	-	1	2	9	
s - - - - -	10381	12	5	2	-	-	1	-	-	-	-	-	-	1	-	-	
- - - - -	9224	3	5	1	1	-	-	-	-	-	-	-	-	1	1	-	
arge East - - - -	17900	10	5	3	-	-	-	-	-	1	-	1	-	2	-	-	
ge East - - - - -	21350	7	9	6	1	-	1	-	-	1	-	-	-	-	-	-	
ge East W - - - -	8802	8	7	-	2	-	-	-	-	-	-	-	-	-	-	6	
- - - - -	11640	7	4	-	-	-	1	-	-	-	-	-	-	-	-	3	
- - - - -	16131	11	8	4	1	-	1	-	-	-	-	-	-	1	2	-	
- - - - -	29919	28	16	8	2	-	-	-	1	-	-	-	-	6	1	-	
own Western - - -	38128	27	13	6	3	-	-	-	-	-	-	-	-	-	-	2	
own Eastern WwvH -	55024	39	23	11	5	-	1	-	-	-	-	-	-	5	-	4	
- - - - -	67765	75	42	13	8	-	-	-	-	1	-	-	-	4	-	6	
- - - - -	48611	40	27	10	2	3	1	-	-	-	-	1	-	8	1	1	
DISTRICTS.																	
thwark WH - - - -	14573	8	4	1	1	-	-	2	-	-	-	-	-	-	-	1	
thwark H - - - - -	15677	9	5	2	-	-	1	-	-	1	-	-	-	1	-	-	
- - - - -	20421	16	8	4	1	-	-	-	-	-	-	-	-	4	-	-	
H - - - - -	16695	9	8	3	-	-	-	-	-	1	-	-	-	1	-	1	
L - - - - -	18961	11	5	-	-	-	-	-	-	-	-	-	-	-	-	2	
n - - - - -	23682	16	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
th W - - - - -	48248	17	23	5	5	1	1	-	-	-	-	1	-	4	1	8	
ton - - - - -	16792	15	6	1	3	-	-	-	-	-	-	-	-	1	-	-	
ark H - - - - -	4373	3	9	-	2	-	-	-	-	-	-	-	-	-	3	9	
lown W - - - - -	10500	4	4	3	-	-	-	-	-	-	-	-	-	2	-	2	
- - - - -	16787	9	10	5	1	-	1	-	-	-	-	-	-	-	-	-	
en W - - - - -	15709	15	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
endsey - - - - -	47933	51	22	13	3	-	3	-	-	1	-	-	-	3	-	-	
- - - - -	27096	31	13	5	1	-	-	-	-	-	-	-	-	1	1	3	
th H - - - - -	14074	10	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
nd H - - - - -	18465	13	9	3	-	-	-	-	-	-	-	1	-	1	-	1	
1st H - - - - -	19492	15	11	1	2	-	-	-	-	-	-	-	-	-	2	2	
2nd WW - - - - -	35833	28	13	5	2	-	1	-	-	-	-	-	-	1	-	4	
- - - - -	41286	33	14	4	1	-	-	-	-	-	-	-	-	1	-	-	
- - - - -	31221	29	7	3	2	-	-	1	-	-	-	-	-	-	-	-	
- - - - -	35435	30	18	4	2	2	-	3	-	-	1	-	-	-	1	6	
- - - - -	12536	10	3	1	1	-	-	-	-	-	-	-	-	-	-	-	
- - - - -	27347	31	6	4	1	-	-	-	-	-	-	-	-	1	-	-	
- - - - -	54016	63	33	16	4	-	-	1	-	-	-	-	-	3	1	3	
- - - - -	19783	14	8	2	1	-	-	-	-	-	-	1	-	-	-	2	
- - - - -	9439	8	5	2	-	-	-	-	-	-	-	1	-	1	-	-	
- - - - -	14475	13	6	1	2	-	-	-	-	-	-	-	-	1	-	-	
- - - - -	4041	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
†L† - - - - -	31254	24	23	3	7	-	-	-	-	-	1	-	-	1	-	10	
- - - - -	42160	36	21	9	4	-	1	-	1	-	-	-	-	7	-	-	
swell - - - - -	33851	34	15	4	1	-	-	-	1	1	-	-	-	3	1	-	
w - - - - -	53714	41	19	-	5	3	-	-	-	-	-	-	-	-	-	3	
ford - - - - -	6474	6	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
- - - - -	21034	21	8	2	2	-	-	-	-	1	-	-	-	-	1	-	
WH - - - - -	19378	18	12	5	2	-	-	1	-	1	-	-	-	1	-	3	
- - - - -	4539	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
- - - - -	16440	5	1	1	-	-	-	-	-	-	-	-	-	1	-	-	
WH - - - - -	11513	16	3	2	1	-	-	-	-	-	-	-	-	-	-	1	
- - - - -	19065	9	7	3	-	-	-	-	-	-	2	-	-	-	-	-	
- - - - -	9564	3	4	1	-	-	-	-	-	-	1	-	-	-	-	2	
rd - - - - -	17226	12	8	1	1	-	-	-	-	-	-	1	-	1	-	1	
WHH - - - - -	18331	7	4	1	-	-	-	-	-	-	-	-	-	-	-	-	
- - - - -	13027	13	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
W - - - - -	15232	14	7	1	3	-	-	-	-	-	-	-	-	-	1	4	

WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the

h Sick Asylum in Tottenham-court sub-district.
 " Kentish Town sub-district.
 Workhouse in Islington East sub-district.
 " Hackney sub-district.
 " Hoxton New Town sub-district.
 " Mile End Old Town Eastern sub-dist.
 London City Workhouse in { Mile End Old Town Eastern sub-dist. and
 Stepney Bow sub-district.
 Poplar & Stepney " Sick Asylum Bow sub-district.
 Westminster Union Industrial School in Battersea sub-district.
 Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-
 ney, Brixton, and St. Paul Deptford sub-districts.

Districts of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston
 † Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 28th July 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enume- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Houses.
						Deaths of		Deaths from											
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.				
	LONDON—OUTER RING	368,414	631,381	510	235	65	53	4	2	4	-	5	3	18	2	8			
29: 1	Carshalton W - - -	12228	13523	9	3	1	-	-	-	-	-	-	-	-	-	-			
2	Epsom (part of) * WH -	9971	9145	9	2	-	-	-	-	-	-	-	-	-	-	1			
36: 1	Godstone (part of) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-			
37: 1	Croydon WWH - - -	20851	71319	61	19	5	8	-	-	-	-	1	-	-	-	-			
2	Mitcham WH - - -	11697	12534	9	3	1	1	-	-	-	-	1	1	-	-	-			
38: 1	Wimbledon HH - - -	3220	9087	10	2	-	1	-	-	-	-	-	-	-	-	-			
2	Kingston WH - - -	8549	27489	27	5	1	1	-	-	-	-	-	-	-	-	-			
3	Esher (part of) * - - -	6601	7353	1	3	1	1	-	-	-	-	-	-	1	-	-			
4	Hampton - - -	4573	10185	12	3	-	-	-	-	2	-	-	-	-	-	-			
39: 1	Richmond WH - - -	2271	16829	10	2	-	1	-	-	-	-	-	-	1	-	-			
2	Mortlake - - -	2961	9816	4	2	-	1	-	1	-	-	-	-	-	-	-			
40: 1	Bromley (part of) * HH -	15669	19509	20	6	1	1	-	-	-	-	-	-	2	-	-			
2	Chislehurst (part of) * W -	13665	10028	9	3	1	1	-	-	-	-	-	-	1	1	1			
41: 1	Bexley H - - -	13439	19566	12	8	3	1	-	-	-	-	-	-	2	-	-			
123: 1	Sunbury W - - -	11055	9860	4	3	3	-	-	-	-	-	-	-	1	-	-			
2	Staines W - - -	13277	10339	8	4	-	2	-	-	-	-	-	-	-	-	-			
124: 1	Hillingdon WH - - -	6029	9712	2	2	1	1	-	-	-	-	1	-	-	-	-			
2	Uxbridge - - -	6178	5329	1	2	-	-	-	-	-	-	-	-	-	-	-			
3	Hayes WL - - -	14587	10497	8	5	-	1	-	-	-	-	-	-	-	-	-			
125: 1	Isleworth W - - -	7008	19930	12	5	-	1	-	-	1	-	-	-	-	-	1			
2	Twickenham - - -	2477	10533	9	3	1	1	-	-	-	-	1	-	-	-	-			
3	Brentford HL - - -	4370	20279	23	6	-	1	-	-	-	-	-	-	-	-	-			
4	Chiswick - - -	1311	8508	-	2	1	-	-	-	-	-	-	-	-	-	-			
5	Acton WH - - -	6087	12683	14	4	3	-	-	-	-	-	-	-	1	-	-			
126: 1	Harrow H - - -	13809	10869	9	5	1	2	-	-	-	-	-	-	-	-	1			
2	Edgware - - -	6994	3450	2	1	-	-	-	-	-	-	-	-	-	-	-			
3	Willesden - - -	4383	15869	15	10	6	1	-	-	-	-	-	-	3	-	1			
4	Hendon WH - - -	8382	6972	6	7	-	1	1	-	-	-	-	-	-	-	-			
127: 1	South Mimms - - -	15419	5924	2	-	-	-	-	-	-	-	-	-	-	-	-			
2	Barnet W - - -	5423	7752	6	7	-	3	-	-	-	-	-	1	-	-	-			
3	Finchley L - - -	4638	11493	10	8	-	3	-	-	-	-	-	-	-	-	-			
128: 1	Hornsey H - - -	3039	19357	17	8	3	1	-	1	-	-	-	-	1	-	-			
2	Tottenham H - - -	4642	22869	20	8	3	1	-	-	1	-	-	-	-	-	-			
3	Edmonton WW - - -	7483	13860	9	12	6	4	-	-	-	-	-	-	-	-	-			
4	Enfield WH - - -	12653	16054	23	4	3	-	-	-	-	-	-	-	-	-	-			
5	Waltham Abbey - - -	11017	5197	4	2	-	-	-	-	-	-	-	-	-	-	-			
6	Cheshunt - - -	8493	7518	5	4	1	-	-	-	-	-	-	1	-	1	1			
134: 1	Hatfield (part of) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-			
136: 1	Bushey - - -	9028	6472	2	1	-	-	-	-	-	-	-	-	-	-	-			
135: 1	Stratford - - -	882	23286	34	15	6	2	-	-	-	-	-	-	1	-	-			
2	West Ham WWWW - - -	7345	44642	37	27	10	5	3	-	-	-	1	-	3	-	1			
3	Leyton WW - - -	4274	15513	7	4	1	1	-	-	-	-	-	-	-	-	-			
4	Walthamstow H - - -	6619	15701	11	9	1	3	-	-	-	-	-	-	-	-	-			
136: 1	Chigwell (part of) * H -	10483	8169	3	1	-	1	-	-	-	-	-	-	-	-	-			
138: 1	Romford (part of) * - -	6730	2879	3	1	-	-	-	-	-	-	-	-	-	-	-			
2	Ilford - - -	8492	5947	2	1	-	-	-	-	-	-	-	-	-	-	-			
3	Barking Town - - -	4128	6576	9	3	1	1	-	-	-	-	-	-	1	-	-			

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—29:2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36:1, the two parishes of Warlingham and Farley in Godstone sub-district; 38:3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40:1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40:2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134:1, only the parish of Northaw in Hatfield sub-district; 136:1, the whole of the Chigwell sub-district, except the parish of Thoydon-Bell (pop. 796); 138:1, only the parish of Dagenham in Romford sub-district.

3.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 28th July, 1877.

CITY OR TOWN.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from										Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
LONDON	446,494	4,367,547	19·9	4·5	1665	529	298	31	53	29	4	28	27	202	46	279		
LONDON -	78,080	3,533,484	21·1	5·0	1430	464	245	27	51	25	4	23	24	184	44	245		
ENGLAND -	368,414	834,063	14·7	2·3	235	65	53	4	2	4	-	5	3	18	2	84		

The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 14·902 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 78,080 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,189 acres are foreshore and tidal water; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 28 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
AMSTERDAM -	429,535	June 23	-	171	20·7	Fevers 45; cholera 6.
BRUSSELS -	644,405	" 26	-	753	60·8	Cholera 165; sm.-pox 15; remittent fever 249.
PARIS -	397,552	" 8	235	899	117·5	Small-pox 134; fevers 112; cholera 144.
		" 15	281	829	108·4	Small-pox 120; fevers 107; cholera 87.
ST. PETERSBURG -	1,988,806	July 26	-	862	23·0	Small-pox 1; measles 9; typhoid fever 19.
VIENNA -	67,829	" 21	32	22	16·9	-
BERLIN -	188,609	" 21	105	70	21·0	Small-pox 1.
AMSTERDAM -	289,981	" 21	193	124	21·7	-
AMSTERDAM -	136,231	" 21	104	59	22·2	Typhoid fever 1.
THE HAGUE -	104,095	" 21	73	44	22·0	Scarlet fever 1.
COPENHAGEN -	215,000	" 24	135	100	24·3	Whooping-cough 4.
STOCKHOLM -	146,845	" 14	-	76	26·9	Scarlet fever 3; whooping-cough 3.
CHRISTIANIA -	79,000	" 21	58	25	16·5	Whooping-cough 3.
OSLO -	997,269	" 7	786	1082	56·2	Diarrhoeal diseases 567.
ST. PETERSBURG (State) -	393,588	" 7	276	167	22·1	Measles 7; diphtheria and croup 3.
COPENHAGEN -	202,295	" 14	166	105	26·7	Whooping-cough 3.
PRAGUE -	246,813	" 21	178	149	30·1	Diphtheria 3.
VIENNA -	209,000	" 21	159	150	36·0	Typhus 10; diarrhoeal diseases 29.
VIENNA -	714,548	" 21	504	310	22·6	Small-pox 5; scarlet fever 5; diphtheria 13.
BUDAPEST -	315,401	" 14	232	283	46·6	Typhus 14; diphtheria 7; whooping-cough 10.
VIENNA -	278,099	" 7	138	138	25·7	Small-pox 3; diphtheria and croup 16.
VIENNA -	454,948	" 8	-	-	-	-
VIENNA -	223,488	" 14	144	144	33·3	Typhoid fever and typhus 8.
VIENNA -	139,796	" 14	83	63	23·4	Diphtheria and croup 2; typhoid fever 2.
VIENNA -	212,034	" 14	141	184	45·3	Small-pox 2; whooping-cough 8.
NEW YORK -	1,077,228	June 30	-	569	27·5	Scarlet fever 24; diphtheria 12.
BROOKLYN -	527,830	" 30	-	247	24·3	Scarlet fever 23; diphtheria 14.
PHILADELPHIA -	850,856	July 7	-	403	24·7	Scarlet fever 7; infantile cholera 115.
NEW YORK -	363,000	June 30	-	120	17·1	Scarlet fever 3; diphth. 2.

* With suburbs, including Genf, Plain-palais, and Eaux-Vives.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 28th JULY, 1877.
[Under the Superintendence of the Astronomer Royal.]

MOON.		READINGS OF THERMOMETERS.										DIFFERENCE				WIND.				RAIN.				
		BARO-METER.		Dry.		Dew Point.		Highest in the sun, as shown by a self-regis- tering Thermo- meter with blackened bulb in vacuo, placed on the Grass.		Lowest on the Grass, as shown by a self-regis- tering Thermo- meter.		In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between Dew Point Temperature and Air Temperature.		Between mean tem- perature of the day and mean tem- perature of the same day on an average of 60 years.*		Degree of Hu- midity, complete Satura- tion being repre- sented by 100.			As deduced from Anemometers.		Collected in a Gauge whose receiving surface is 5 in. above the ground.	
Phases of Moon.		Mean daily reading (cor- rected and re- duced to 32 deg. Fahren- heit).	High- est.	Low- est.	Range in day.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Highest.	Lowest.	Mean daily value.	Great- est.	Least.	General Direction.	A. M.	P. M.	Great- est.	Least.	Mean of 24 Obs.	Amount of Horizontal Movement of Air each day.	Robertson's.		Depart- ure from Average of 16 years.
1877.																								
MONTH AND DAY.																								
JULY.																								
SUN. . 22	Greatest Dec. S.	29.627	68.0	52.5	15.5	59.3	54.1	92.5	43.5	64.5	62.3	5.2	12.8	2.2	— 3.0	83	S. & SW.	SSW.	0.7	0.0	0.0	273	+ 30	Inches 0.00
MON. . 23	..	29.449	71.2	58.0	13.2	62.6	59.0	116.6	53.9	65.3	63.3	3.6	12.2	0.8	+ 0.4	88	SSW.	S. & SSE.	4.8	0.0	0.5	363	+ 113	0.24
TUES. . 24	..	29.479	74.0	54.8	19.2	61.8	52.8	124.3	45.5	64.9	63.3	9.0	19.4	3.2	— 0.4	73	SSW. & WSW.	SW. & SSW.	2.3	0.0	0.1	331	+ 81	0.10
WED. . 25	Full	29.781	72.7	51.5	21.2	59.9	50.9	128.0	45.2	65.8	63.3	9.0	18.7	0.6	— 2.3	72	SW. & WSW.	W. & SW.	1.3	0.0	0.1	320	+ 78	0.00
THURS. 26	..	29.747	72.7	55.3	17.4	61.5	54.8	119.0	54.6	65.3	63.5	6.7	16.8	1.8	— 0.7	79	S. SW. & NW.	NNW. & NW.	3.5	0.0	0.3	357	+ 126	0.26
FRI. . 27	Apogee.	29.958	73.0	51.8	21.2	61.5	54.6	129.7	45.6	65.3	63.5	6.9	14.6	1.0	— 0.7	78	WSW.	WSW. NW. & N.	0.2	0.0	0.0	230	+ 6	0.00
SAT. . 28	..	29.983	67.5	49.6	17.9	58.7	55.5	93.6	42.9	65.5	63.5	3.2	9.5	0.8	— 3.5	89	NNW. & WSW.	WSW.	0.3	0.0	0.0	236	+ 11	0.00
MEANS .		29.718	71.3	53.4	17.9	60.8	54.5	114.8	48.5	65.2	63.2	6.2	14.9	1.5	— 1.5	80	SW. & NW.	..	..	..	..	Sum 2110	Sum + 445	Sum 0.60
No. of Col.		3	4	5	6	7	8	9	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending December 31, 1845.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873. * In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and - "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight. The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police. The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day. The reading of the barometer decreased from 29.79 in. at the beginning of the week to 29.36 in. by 9h. P.M. on the 28th, increased to 29.83 in. by 9h. P.M. on the 29th, and was 29.79 in. on the 30th. The wind was generally from the S.W. on the 22nd, S.W. on the 23rd, S.W. on the 24th, S.W. on the 25th, S.W. on the 26th, S.W. on the 27th, and S.W. on the 28th.

DATE.		Electricity.		Sun above Horizon, in hours.		SKY AND ATMOSPHERE.	
JULY.		Registered Sunshine, in hours.		Sun above Horizon, in hours.			
SUNDAY	22	0.3	15.8	15.8	Overcast till evening; clouds partially broken afterwards.		
MONDAY	23	1.2	15.8	15.8	Overcast generally. Heavy rain in afternoon and evening.		
TUESDAY	24	5.6	15.7	15.7	Heavy rain in morning; fine and partially cloudy afterwards. Part of solar halo seen between 5h. and 6h. P.M.		
WEDNESDAY	25	5.9	15.7	15.7	A fine day; partially cloudy.		
THURSDAY	26	2.3	15.7	15.7	Overcast with rain till 10h. A.M.; fine but cloudy till evening; cloudless at night.		
FRIDAY	27	6.3	15.6	15.6	Generally cloudy; fine.		
SATURDAY	28	0.1	15.6	15.6	Overcast generally. A little rain in afternoon.		
MEANS	..	Sum 21.7	Sum 109.9	Sum 109.9			
No. of Col.	3						

WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON

AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

31. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, AUGUST 4. [Price 1½d.

*General Register Office, Somerset House,
7th August, 1877.*

UNITED KINGDOM.

DURING last week 5642 *births* and 3263 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2379. The mortality from all causes was at the average rate of 21 deaths annually in every 1000 persons living. The annual death-rate was 19 per 1000 in Edinburgh, 20 in Glasgow, and 24 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Norwich 12, Sheffield 16, Bristol 16, Bradford 17, Portsmouth 18, Birmingham 18, Leeds 18, Wolverhampton 18, Sunderland 18, Hull 20, Brighton 20, London 21, Newcastle-upon-Tyne 21, Bradford 22, Nottingham 23, Oldham 23, Liverpool 24, Manchester 25, Plymouth 26, and the highest rate 31 in Leicester. The annual death-rate from the seven principal zymotic diseases averaged 4·2 per 1000 in the twenty towns, and ranged from 1·7 and 1·8 in Nottingham and Bradford, to 7·1 and 7·2 in Leicester and Plymouth. In the twenty towns 33 deaths from small-pox were registered, of which 22 occurred in London, 5 in Liverpool, 3 in Brighton, 2 in Manchester (exclusive of one in the Monsall Hospital), and one in Birmingham. The 3 deaths from small-pox in Brighton occurred in the workhouse.

LONDON.

IN LONDON 2408 BIRTHS and 1439 DEATHS were registered. Allowing for increase of population, the births exceeded by 55, whereas the deaths were 203 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two preceding weeks had been equal to 21·2 and 21·1 per 1000, was last week 21·3.

The 1439 deaths included 22 from small-pox, 51 from measles, 15 from scarlet fever, 8 from diphtheria, 21 from whooping-cough, 22 from different forms of fever, 176 from diarrhoea; thus to the seven principal diseases of the zymotic class 244 deaths were referred, against 332 and 338 in the two preceding weeks. These deaths were 213 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 21·3 per 1000; in East London this zymotic rate was equal to 6·4 per 1000. The deaths from measles corresponded with the number in the previous week, and included 12 in the North, and 21 in the East groups of districts; 5 occurred in Marylebone, 6 in Pancras, 4 in Shoreditch, and 5 in Bethnal Green. Three fatal cases of whooping-cough occurred in Greenwich; and 2 of scarlet fever, both in Chelsea and Putney. Two deaths from diphtheria were registered in Marylebone. The 22 deaths referred to fever were 10 below the corrected average weekly number; 2 were certified as typhus, 13 as enteric or typhoid, and 7 as simple continued fever. Of the 2 fatal cases of typhus, one occurred at 30, Broad Street, Westminster, and the other at 70, Coutts Road, Mile End Old Town.

The fatal cases of small-pox, which had been 35 and 27 in the two preceding weeks, further declined last week to 22; of these, 11 were recorded in the Metropolitan Asylum Hospitals, and the remaining 11 occurred in private dwellings. In distributing the 11 fatal hospital cases, it appears that 4 of the deceased small-pox patients had resided in Mile End Old Town (of whom 3 died in private dwellings), 3 in Newington, 2 in Kensington, and 2 in Camberwell. Of the 22 fatal cases, 7 were certified to be unvaccinated, 9 to be vaccinated, and in the remaining cases information as to vaccination was omitted from the medical certificates. A child aged 6 years died from small-pox in Mile End Old Town, who suffered from an attack of the disease when aged three months, and on that

account had remained unvaccinated. A child aged 8 months is reported to have died from small-pox in Bermondsey without medical attendance; no inquest was held.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which in the ten preceding weeks had steadily declined from 964 to 530, further fell last week to 445; the admissions were 65, against numbers declining from 146 to 75 in the four previous weeks. The Highgate Small-pox Hospital contained 41 small-pox patients on Saturday last, against 31 at the end of the previous week.

The deaths referred to diarrhœa, which in the nine previous weeks had steadily increased from 13 to 184, were 176 last week, and were 176 below the corrected average weekly number; 130 were of infants under one year of age, and 30 of children aged between one and five years. The annual death-rate from diarrhœa in London was equal to 2·6 per 1000 persons living. Eight deaths were referred to simple cholera and to choleraic diarrhœa, of which 3 were adult cases.

Different forms of violence caused 49 deaths; 45 were the result of negligence or accident, including 17 from fractures and contusions, 7 from burns and scalds, 10 from drowning, 2 from poison, and 4 of infants under one year of age from suffocation. The 17 deaths from fractures and contusions were thus caused: male 40, run over by an omnibus; males 56 and 52, fell from carts; male 28, struck by the pole of a van; male 73, run over on railway; male 29, injured through attempting to enter a train in motion; male 35, fell from scaffold; male 56, fell from ladder; male 29, fell from house; male 27, fell from crane; male 25, fell from loop-hole in factory; female 64, fell down stairs; male 41, crushed by machinery at wharf; male 48, injured by the bursting of a beer barrel; male 42, struck by a scaffold board; male 45, crushed by the fall of an arch; male 3, injured by fall on newly washed floor-cloth. An inquest was held in each of these 17 cases.

GREATER LONDON.

In Greater London 2913 births and 1710 deaths were registered, equal to annual rates of 34·8 and 20·4 per 1000 of the population. In the Outer Ring 2 deaths from small-pox were registered in the Bromley Union Workhouse, to which the cases had been admitted from Chelsfield and Cudham.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 19, Madras 109; Paris 22; Geneva 21; Brussels 20; Amsterdam 23, Rotterdam 22, The Hague 21; Copenhagen 22; Stockholm 28; Christiania 16; Berlin 49, Hamburg 24, Dresden 21; Breslau 36; Munich 35; Vienna 22, Buda-Pesth 45; Rome 24, Naples 28, Turin 24, Venice 23; Alexandria 57; New York 32, Brooklyn 26, Philadelphia 27, and Boston 16.

The Registrar General has received from the Foreign Office Weekly Returns for St. Petersburg, supplied through His Excellency Count Schouvaloff. The population of this capital city was 669,741, and the numbers that died in the week that ended on June 30th were 402; namely, 233 males and 169 females. The annual rate of mortality was 31 to 1000 inhabitants. The deaths in the six weeks immediately preceding were 462, 463, 456, 463, 415, and 439. The Registrar General hopes to receive the Returns in future from this important city, and perhaps from Moscow, every week. St. Petersburg is an important addition to the European cycle of great cities, which will be completed when it embraces Madrid and Constantinople, both much in need of sanitary supervision.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·88 in.; the highest reading was 30·13 in. on Monday morning, and the lowest 29·69 in. on Wednesday morning. The mean temperature of the *air* was 63°·3, and 1°·1 above the average in the corresponding week of the 60 years 1814-73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed an excess on the first three, and a deficiency on each of the other days of the week. On Tuesday the mean was 71°·8, and in excess by 9°·5, whereas on Thursday it fell to 56°·4, and was in defect by 5°·9. The lowest night temperature was 46°·8 on Friday, and the highest day temperature in the shade 88°·2 on Tuesday; the extreme range in the week was, therefore, 41°·4. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 142°·6 on Tuesday. The difference between the mean *dew-point* and *air* temperature averaged 10°·4. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 66°·2. The mean degree of *humidity* of the air was 69, complete saturation being represented by 100. The general direction of the *wind* was westerly, and the horizontal movement of the air averaged 10·6 miles per hour, which was 0·4 above the average in the corresponding week of 16 years. *Rain* fell on three days of the week to the aggregate amount of 0·09 of an inch. The duration of registered sunshine in the week was 46·6 hours, the sun being above the horizon during 107·4 hours.

BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday the 4th August, 1877.

TOWNS.	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 4th August 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
ENGLAND & WALES.											
London (Metropolitan Area.)	212,881	8,144,940	38·3	5642	3263	88·2	40·0	59·3	15·17	0·22	0·56
Birmingham	75,362	3,533,484	46·9	2403	1439	88·2	46·8	63·3	17·39	0·09	0·23
Manchester	2,354	102,264	43·4	53	40	74·0	48·7	60·3	15·73	0·00	0·00
Glasgow	4,486	127,144	28·3	65	43	-	-	-	-	-	-
Edinburgh	7,472	84,023	11·2	46	19	85·5	48·0	62·9	17·17	0·35	0·87
Cardiff	1,395	72,911	52·3	56	37	75·0	47·5	60·0	15·56	0·12	0·30
Sheffield	4,452	202,950	45·6	147	64	79·0	47·5	61·4	16·33	0·02	0·05
Leeds	3,396	73,389	21·6	48	25	78·5	48·5	58·5	14·72	0·46	1·17
Nottingham	8,400	377,436	44·9	289	128	-	-	-	-	-	-
Coventry	3,200	117,461	36·7	100	69	79·8	46·8	60·6	15·90	0·01	0·03
Southampton	1,996	95,025	47·6	55	41	78·6	45·0	60·1	15·62	0·95	2·41
Reading	5,210	527,083	101·2	394	246	70·0	51·5	57·2	14·00	0·15	0·38
Belfast	4,293	359,213	88·7	248	172	-	-	-	-	-	-
Waterloo	5,170	141,184	27·3	119	60	75·5	42·5	56·1	13·39	0·24	0·61
Gloucester	4,666	89,796	19·2	82	40	-	-	-	-	-	-
Exeter	7,220	179,315	24·8	125	58	74·0	44·8	57·3	14·06	0·03	0·08
Truro	21,572	293,189	13·8	242	101	76·0	44·0	58·6	14·78	0·01	0·03
St. Austrey	19,651	282,130	14·4	190	87	78·0	43·0	59·2	15·11	0·00	0·00
St. Austrey	3,635	140,002	38·5	104	54	75·0	44·0	59·8	15·45	0·15	0·38
St. Austrey	3,306	110,382	33·4	77	38	83·0	51·0	61·2	16·22	0·39	0·99
St. Austrey	5,371	142,231	26·5	85	58	-	-	-	-	-	-
St. Austrey	4,191	218,729	52·2	130	81	69·5	40·0	56·7	13·72	0·59	1·50
St. Austrey	6,033	555,933	92·1	419	216	63·7	45·0	54·8	12·67	0·23	0·58
St. Austrey	10,050	314,666	31·3	155	147	80·5	43·0	59·3	15·17	0·17	0·43

* Names of the Meteorological Observers in the several towns, see note at foot of Table 4.
† Figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by an average of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population of Dublin is taken as stationary at the number enumerated in April 1871.

—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,055,612 persons, and in DUBLIN, during the Week ending Saturday the 4th August, 1877.

TOWNS, &c.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from											
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.				
DOWNS -	20·9	4·2	2819	900	473	33	70	42	11	64	43	304	106	179	403		
-	21·3	4·7	1439	461	248	22	51	15	8	21	22	176	49	99	239		
-	20·4	5·1	40	16	9	3	-	-	-	1	-	6	-	-	8		
CH -	17·6	6·2	43	16	12	-	1	-	1	3	1	9	-	1	6		
-	11·8	2·5	19	5	8	-	-	-	-	-	1	3	1	2	1		
-	26·5	7·2	37	17	5	-	-	2	-	-	1	7	1	2	1		
-	16·5	1·3	64	18	11	-	-	-	-	4	-	1	4	4	10		
MPTON -	17·8	2·8	25	4	4	-	-	4	-	-	-	-	1	3	4		
AM -	17·7	3·5	128	31	15	1	5	1	-	6	2	10	-	3	12		
-	30·7	7·1	69	33	10	-	-	3	-	3	-	10	2	3	4		
AM -	22·5	1·7	41	11	11	-	-	1	-	-	-	2	3	4	7		
-	24·5	5·7	246	94	32	5	5	5	-	10	4	29	19	19	38		
ER -	25·0	3·5	172	44	24	2	2	4	-	3	2	11	8	15	31		
-	22·2	4·1	60	18	7	-	1	1	1	2	2	4	3	4	1		
-	23·2	4·1	40	13	6	-	1	2	-	2	-	2	1	1	4		
-	16·9	1·8	58	13	11	-	-	1	-	2	-	3	1	3	4		
-	17·7	3·3	101	29	12	-	2	1	-	3	4	9	3	5	6		
-	16·1	2·6	87	24	20	-	-	1	1	2	2	8	2	2	9		
-	20·1	3·7	54	24	9	-	1	-	-	1	-	8	3	3	2		
ND -	18·0	2·4	38	13	8	-	-	-	-	-	2	3	-	1	6		
E-ON-TYNE	21·3	2·2	58	16	11	-	1	1	-	1	-	3	5	5	10		
-	24·4	3·2	147	16	41	-	11	-	-	1	5	2	1	3	41		

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the THIRTY-FIRST Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2264	2106	2130	2082	2076	2252	2299	2219	2100	2460	2198·8	2408
Males . .	1139	1078	1070	1016	1040	1166	1199	1111	1086	1255	1116·0	1271
Females . .	1125	1028	1060	1066	1036	1086	1100	1108	1014	1205	1082·8	1137
TOTAL Deaths	1291	1665	1630	1648	1382	1695	1508	1505	1340	1679	1534·3	1439
Males . .	653	859	824	863	723	895	779	776	701	888	796·1	740
Females . .	638	806	806	785	659	800	729	729	639	791	738·2	699

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867-76, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	May 12.	May 19.	May 26.	June 2.	June 9.	June 16.	June 23.	June 30.	July 7.	July 14.	July 21.	July 28.	Aug. 4.
TOTAL Deaths - - -	1613	1564	1392	1443	1429	1315	1271	1300	1322	1449	1438	1430	1439
0—20 - - -	745	758	651	688	692	663	632	609	691	795	788	789	778
20—40 - - -	241	200	211	233	226	180	188	205	189	182	174	190	189
40—60 - - -	280	272	243	241	239	218	217	249	206	217	225	206	224
60—80 - - -	297	265	250	234	224	207	199	196	194	223	202	206	222
at 80 years & upwds.	50	69	37	47	48	47	35	41	42	32	49	39	26
Deaths of children { Under 1 year -	325	341	293	304	282	287	306	275	378	447	498	464	461
{ 1—5 - - -	310	318	249	268	286	260	222	224	207	227	192	199	239
{ 5—20 - - -	110	99	109	116	124	116	104	110	106	121	98	126	78
Deaths from 7 principal Zymo- totic Diseases }	245	246	220	236	220	218	210	223	244	324	332	338	315
" " Small-pox - - -	78	70	69	61	58	55	44	44	23	32	35	27	22
" " Measles - - -	45	59	56	69	65	61	42	45	44	28	42	51	51
" " Scarlet fever - - -	24	20	21	28	19	14	14	24	18	21	19	25	15
" " Diphtheria - - -	4	4	3	8	6	7	7	6	9	7	6	4	8
" " Whooping-cough - - -	58	59	34	41	40	38	35	28	35	46	36	23	21
" " Typhus fever - - -	2	2	1	3	1	4	5	6	6	1	2	2	2
" " Enteric (or Typhoid) fever - - -	12	6	16	11	11	9	12	15	10	14	15	15	13
" " Simple Contagious fever - - -	2	4	7	2	4	3	5	5	3	6	4	7	7
" " Diarrhœa - - -	20	22	13	13	16	27	46	50	96	169	173	184	176
" " Simple Cholera - - -	-	-	-	-	-	-	2	2	6	14	9	9	8
" " Dis. of Respiratory Organs - - -	355	338	303	259	251	199	166	162	144	159	181	169	144
" " Phthisis - - -	208	149	155	174	174	163	161	198	176	159	149	153	166
" " Heart Diseases - - -	93	91	86	91	77	67	67	77	62	76	76	84	81
Violent Deaths - - -	53	48	36	58	59	76	62	52	56	60	42	44	49
Inquest Cases - - -	84	104	82	92	101	116	94	86	86	96	75	89	99
Deaths in Public Institutions	334	315	277	300	293	275	272	281	255	271	265	245	239
TEMPERATURE OF THE AIR:													
Mean - - -	49·2	51·1	49·1	53·7	60·4	62·2	63·3	61·6	58·2	61·1	59·1	60·8	63·3
Mean of Highest readings - - -	61·6	60·6	57·5	63·6	74·4	75·1	77·6	76·8	71·6	73·9	69·0	71·3	76·5
Mean of Lowest readings - - -	38·8	45·3	44·5	46·7	48·7	51·7	51·5	50·0	48·9	50·7	53·0	53·4	53·8
Mean Temperature of the Water of the Thames - - -	50·1	54·4	53·9	55·4	58·8	64·3	67·3	65·6	65·8	64·6	64·3	64·2	66·2
Humidity of the Air - - -	71	82	74	73	68	72	63	61	71	71	76	80	69
Rain-fall in inches - - -	0·24	0·80	0·23	0·28	0·07	0·41	0·01	0·01	0·63	0·37	0·84	0·60	0·09
Registered Sunshine (in hours)	52·7	19·5	13·5	44·0	70·3	68·9	67·0	58·4	46·0	40·5	37·8	21·7	46·6

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-FIRST Week of the Year 1877.

CAUSE OF DEATH.		Average in the Thirty-first Weeks of the 10 years 1867-76.		In the Week ending Saturday, August 4, 1877.										Average in the Thirty-first Weeks of the 10 years 1867-76.		In the Week ending Saturday, August 4, 1877.									
				Deaths of Persons of the Ages												Deaths of Persons of the Ages									
				ALL AGES.	Under 20.			20 and under 40.		40 and under 60.		60 and under 80.				80 Years and upwards.	ALL AGES.	Under 20.			20 and under 40.		40 and under 60.		60 and under 80.
Mean Temperature		Mean Tem.	0-1.	1-5.	5-20.							Mean Tem.	0-1.	1-5.	5-20.										
Mean Temperature		61°5	63°3	0	1	5-20.	20 and under 40.		40 and under 60.		60 and under 80.		80 Years and upwards.	61°5	63°3	0	1	5-20.	20 and under 40.		40 and under 60.		60 and under 80.		80 Years and upwards.
9. Stricture of Intestines		°9	2	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	2	-	-	
10. Fistula		°7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11. Stomach Disease, &c.		7°5	11	4	1	-	-	-	1	1	2	2	2	11	4	1	-	-	1	1	2	2	2	2	
12. Pancreas Disease, &c.		°1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
13. Hepatitis		5°1	11	1	1	-	-	-	1	4	4	4	4	11	1	1	-	-	1	4	4	4	4	4	
14. Jaundice		°4	4	-	-	-	-	-	2	2	1	1	1	4	-	-	-	-	2	1	1	1	1	1	
15. Liver Disease, &c.		18°8	23	-	-	1	2	2	2	3	1	6	1	23	-	-	1	2	2	18	6	6	1	1	
16. Spleen Disease, &c.		°2	2	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	1	1	-	-	-	-	
ORDER 5.																									
1. Nephritis		1°9	4	-	-	-	-	-	-	-	-	-	-	1°9	4	-	-	-	-	-	1	3	-	-	
2. Ischuria		°4	-	-	-	-	-	-	-	-	-	-	-	°4	-	-	-	-	-	-	-	-	-	-	
3. Bright's Dis. (Nephria)		9°8	15	-	1	-	-	-	5	7	1	1	1	9°8	15	-	1	-	5	7	1	1	1	1	
4. Diabetes		2°1	9	-	-	-	-	-	2	4	3	3	2	2°1	9	-	-	-	2	4	3	3	3	3	
5. Calculus (Stone)		1°1	2	-	-	-	-	-	1	-	1	-	-	1°1	2	-	-	-	1	-	1	-	-	-	
6. Cystitis		1°0	-	-	-	-	-	-	-	-	-	-	-	1°0	-	-	-	-	-	-	-	-	-	-	
7. Kidney Disease, &c.		6°5	5	-	-	-	-	-	-	-	-	-	-	6°5	5	-	-	-	-	1	3	1	-	-	
ORDER 6.																									
1. Ovarian Dropsy		°5	1	-	-	-	-	-	-	-	-	-	-	°5	1	-	-	-	-	-	-	-	-	-	
2. Uterus Disease, &c.		4°1	5	-	-	-	-	-	-	4	1	-	-	4°1	5	-	-	-	-	4	1	-	-	-	
ORDER 7.																									
1. Synovitis (Arthritis)		°2	1	-	-	1	-	-	-	-	-	-	-	°2	1	-	-	1	-	-	-	-	-	-	
2. Joint Disease, &c.		5°9	5	1	-	3	-	-	-	-	-	-	-	5°9	5	1	-	3	-	-	1	-	-	-	
ORDER 8.																									
1. Phlegmon		2°1	2	-	-	-	-	1	1	-	-	-	-	2°1	2	-	-	-	1	1	-	-	-	-	
2. Ulcer		°9	-	-	-	-	-	-	-	-	-	-	-	°9	-	-	-	-	-	-	-	-	-	-	
3. Skin Disease, &c.		°9	-	-	-	-	-	-	-	-	-	-	-	°9	-	-	-	-	-	-	-	-	-	-	
IV. DEVELOPMENTAL DISEASES.																									
ORDER 1.																									
1. Premature Birth		22°4	27	27	-	-	-	-	-	-	-	-	-	22°4	27	27	-	-	-	-	-	-	-	-	
2. Cyanosis		2°6	4	4	-	-	-	-	-	-	-	-	-	2°6	4	4	-	-	-	-	-	-	-	-	
3. Spina Bifida		°9	-	-	-	-	-	-	-	-	-	-	-	°9	-	-	-	-	-	-	-	-	-	-	
4. Other Malformations		1°4	1	1	-	-	-	-	-	-	-	-	-	1°4	1	1	-	-	-	-	-	-	-	-	
5. Teething		15°4	15	10	5	-	-	-	-	-	-	-	-	15°4	15	10	5	-	-	-	-	-	-	-	
ORDER 2.																									
1. Paramenia		°1	-	-	-	-	-	-	-	-	-	-	-	°1	-	-	-	-	-	-	-	-	-	-	
2. Childbirth (see Puer- peral Fever)		6°2	6	-	-	-	-	-	5	1	-	-	-	6°2	6	-	-	-	5	1	-	-	-	-	
ORDER 3.																									
1. Old Age		39°2	25	-	-	-	-	-	-	-	17	8	-	39°2	25	-	-	-	-	-	-	-	-	-	
ORDER 4.																									
1. Atrophy and Debility		88°4	74	65	5	-	1	1	2	-	-	-	-	88°4	74	65	5	-	1	1	2	-	-	-	
V. VIOLENT DEATHS, &c.																									
ORDER 1.																									
(ACCIDENT OR NEGLIGENCE.)																									
1. Fractures & Contusions		17°7	17	-	1	-	6	8	2	-	-	-	-	17°7	17	-	1	-	6	8	2	-	-	-	
2. Wounds { Gunshot } { Cut, Stab }		°7	-	-	-	-	-	-	-	-	-	-	-	°7	-	-	-	-	-	-	-	-	-	-	
3. Burns and Scalds		4°4	7	-	5	-	-	-	1	1	-	-	-	4°4	7	-	5	-	-	-	1	1	-	-	
4. Poison		1°0	2	1	1	-	-	-	-	-	-	-	-	1°0	2	1	1	-	-	-	-	-	-	-	
5. Drowning		10°1	10	-	1	3	6	-	-	-	-	-	-	10°1	10	-	1	3	6	-	-	-	-	-	
6. Suffocation		6°5	5	4	1	-	-	-	-	-	-	-	-	6°5	5	4	1	-	-	-	-	-	-	-	
7. Otherwise		4°3	4	1	1	1	-	-	-	-	-	-	-	4°3	4	1	1	1	-	-	-	-	-	-	
ORDER 3.																									
(HOMICIDE.)																									
1. Murder & Manslaughter		1°4	1	-	-	-	-	1	-	-	-	-	-	1°4	1	-	-	-	-	1	-	-	-	-	
ORDER 4.																									
SUICIDE.)																									
1. Wounds { Gunshot } { Cut, Stab }		°4	-	-	-	-	-	-	-	-	-	-	-	°4	-	-	-	-	-	-	-	-	-	-	
2. Poison		1°2	2	-	-	-	2	-	-	-	-	-	-	1°2	2	-	-	-	2	-	-	-	-	-	
3. Drowning		1°2	-	-	-	-	-	-	-	-	-	-	-	1°2	-	-	-	-	-	-	-	-	-	-	
4. Hanging		1°6	1	-	-	-	-	1	-	-	-	-	-	1°6	1	-	-	-	-	1	-	-	-	-	
5. Otherwise		°6	-	-	-	-	-	-	-	-	-	-	-	°6	-	-	-	-	-	-	-	-	-	-	
ORDER 5.																									
(EXECUTION.)																									
1. Hanging		°1	-	-	-	-	-	-	-	-	-	-	-	°1	-	-	-	-	-	-	-	-	-	-	
Violent Deaths (not classed)		°7	-	-	-	-	-	-	-	-	-	-	-	°7	-	-	-	-	-	-	-	-	-	-	
Sudden Deaths (Cause unascertained)		°6	-	-	-	-	-	-	-	-	-	-	-	°6	-	-	-	-	-	-	-	-	-	-	
Causes not specified or ill-defined		7°5	1	-	1	-	-	-	-	-	-	-	-	7°5	1	-	1	-	-	-	-	-	-	-	

Deaths should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1877.

A person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.		Enume- rated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include														Inquest Cases, Deaths by Public Health Acts, &c.	
					Deaths of		Deaths from													
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.				
LONDON		3,254,260	2408	1439	461	248	22	51	15	8	21	2	13	7	176	49	99			
WEST DISTRICTS		561,359	394	243	81	46	3	7	4	-	3	1	3	1	30	7	15			
NORTH DISTRICTS		751,729	546	313	92	67	6	12	2	3	5	-	3	-	38	8	19			
CENTRAL DISTRICTS		334,369	173	148	51	25	1	7	-	2	-	-	2	-	17	7	16			
EAST DISTRICTS		639,111	497	326	107	44	4	21	4	-	3	1	2	6	41	10	22			
SOUTH DISTRICTS		967,692	798	409	130	66	8	4	5	3	10	-	3	-	50	17	27			
WEST DISTRICTS.																				
St. Mary Paddington WH		58728	44	27	8	6	-	1	-	-	-	-	-	-	3	-	-			
St. John Paddington H		38085	16	10	4	1	-	-	1	-	2	-	-	-	-	1	-			
Kensington Town W		91645	80	42	13	9	-	1	-	-	-	-	-	1	10	1	3			
Brompton H		28654	22	7	3	-	1	-	-	-	1	-	-	-	-	-	-			
St. Peter Hammersmith		6662	4	3	1	1	-	-	-	-	-	-	-	-	-	-	-			
St. Paul Hammersmith H		36029	28	17	3	1	-	1	-	-	-	-	1	-	2	3	2			
Fulham WwH		23350	17	24	11	4	2	-	-	-	-	-	-	-	4	-	4			
Chelsea South HHH		26420	18	10	3	1	-	-	2	-	-	-	-	-	2	-	-			
Chelsea North-west WHHHH		22926	21	12	6	2	-	-	-	-	-	-	-	-	-	-	-			
Chelsea North-east		21392	31	7	3	-	-	-	-	-	-	-	-	-	1	-	1			
Hanover Square H		18698	10	2	1	1	-	-	-	-	-	-	-	-	-	-	-			
May Fair WW		13358	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
Belgrave HH		57972	32	23	5	7	-	1	-	-	-	-	-	-	3	2	2			
St. John Westminster HH		38478	31	21	9	2	-	3	-	-	-	-	2	-	3	1	1			
St. Margaret Westminster WH		27781	10	18	2	9	-	-	1	-	-	-	-	-	1	-	1			
Golden Square WH		12860	7	10	5	1	-	-	-	-	-	1	-	-	1	-	-			
Berwick-street H		20759	10	3	1	-	-	-	-	-	-	-	-	-	-	-	-			
St. Anne Soho HHHHH		17562	10	6	3	1	-	-	-	-	-	-	-	-	-	-	1			
NORTH DISTRICTS.																				
All Souls Marylebone HHHH		28579	11	21	4	3	-	3	-	-	2	-	1	-	3	-	-			
Cavendish Square HH		15425	3	4	-	2	-	-	-	-	-	-	-	-	-	-	-			
Rectory Marylebone WH		26384	14	11	1	6	-	1	-	-	-	-	-	-	1	1	2			
St. Mary Marylebone HHH		21786	30	10	5	2	-	1	-	-	-	-	-	-	-	-	-			
Christchurch Marylebone H		33944	30	18	7	2	-	-	-	1	-	-	-	-	3	-	1			
St. John Marylebone H		33186	20	14	2	3	-	-	1	1	-	-	-	-	2	-	1			
Hampstead WwHH		32281	20	8	1	1	3	-	-	-	1	-	-	-	-	-	-			
Regent's Park Pancras		38200	23	11	4	2	1	-	-	-	-	-	-	-	3	-	1			
Tottenham-court WHHH		29370	10	10	3	-	1	1	-	-	-	-	-	-	-	1	1			
Gray's Inn Lane HHH		29221	18	14	5	4	-	-	1	-	-	-	-	-	2	1	1			
Somers Town		38533	30	16	7	3	-	1	-	-	1	-	-	-	1	1	1			
Camden Town W		17943	12	8	2	2	-	1	-	-	1	-	-	-	1	-	1			
Kentish Town w		68198	46	40	9	12	-	3	-	-	-	-	1	-	6	-	1			
Islington West HHH		97820	86	36	18	5	-	-	-	-	1	-	-	-	7	1	4			
Islington East WwWH		115953	100	39	10	12	-	-	-	-	-	-	1	-	4	-	1			
Stoke Newington H		9841	11	3	-	2	-	-	-	-	-	-	-	-	-	-	-			
Stamford Hill		6598	1	4	1	1	-	-	-	-	-	-	-	-	1	-	-			
West Hackney		28069	19	9	5	2	-	-	-	-	-	-	-	-	1	-	-			
Hackney WwWH		50104	30	29	6	2	2	1	-	1	-	-	-	-	3	3	5			
South Hackney		30339	32	8	2	1	-	-	-	-	-	-	-	-	-	-	-			
CENTRAL DISTRICTS.																				
St. George Bloomsbury		17853	9	9	5	1	-	1	-	-	-	-	-	-	1	-	-			
St. Giles South WH		19109	16	10	3	4	-	-	-	-	-	-	1	-	2	-	3			
St. Giles North		16594	7	8	4	2	-	1	-	-	-	-	-	-	1	-	2			
Long Acre		11379	6	3	-	1	-	-	-	-	-	-	-	-	-	-	-			
Charing Cross HH		9859	3	5	1	1	-	-	-	-	-	-	-	-	1	1	1			
St. Mary-le-Strand		9378	3	5	2	2	-	-	-	-	-	-	-	-	1	1	1			
St. Clement Danes H		10723	4	9	3	1	-	-	-	-	-	-	1	-	1	1	1			
St. George-the-Martyr HHHHH		20521	14	2	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Andrew Eastern W		13529	4	13	5	-	-	1	-	-	-	-	-	-	-	1	1			
Saffron Hill H		9066	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-			
St. James Clerkenwell W		18917	12	12	1	3	-	-	-	-	-	-	-	-	2	1	1			
Amwell Clerkenwell		16884	12	8	4	1	-	-	-	-	1	-	-	-	-	-	-			
Pentonville		13337	9	7	4	1	1	-	-	-	-	-	-	-	1	1	1			
Goswell-street		16242	14	7	4	1	-	1	-	-	-	-	-	-	1	1	2			
Old-street H		12161	6	3	1	-	-	-	-	-	-	-	-	-	1	1	1			
City-road HHL		18301	20	8	3	1	-	-	-	-	-	-	-	-	1	1	1			
Whitecross-street		13792	1	4	-	-	-	-	-	-	-	-	-	-	1	1	-			
Finsbury		10741	5	2	1	1	-	-	-	-	-	-	-	-	1	1	-			
St. Botolph East London H		14540	9	5	3	-	-	1	-	-	-	-	-	-	2	-	-			
Cripplegate		13638	2	5	2	-	-	-	-	-	-	-	-	-	-	-	1			
St. Sepulchre H		7562	3	14	2	4	-	-	-	-	-	-	-	-	2	-	-			
St. Bride W		11185	5	3	2	1	-	-	-	-	-	-	-	-	-	-	-			
Castle Baynard		4426	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
Christchurch		6270	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Queenhithe		4753	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-			
Allhallows Barking		5764	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-			
Broad Street H		7845	-	1	-	-	-	-	-	-	-	-	-	-	1	1	1			

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page.

CHOLERA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT August 1877.

DISTRICTS.	Enu- merated Popu- lation, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include														Deaths in Public Institutions.
				Deaths of		Deaths from										Inquest Cases.		
				Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.			
DISTRICTS.																		
ch	12430	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ditch HL†	16545	10	7	1	1	-	1	-	-	-	-	-	-	-	-	-	2	
n w	27835	23	12	3	1	-	-	-	-	-	-	-	-	-	-	-	1	
Y	26933	19	13	5	2	-	-	-	-	-	-	-	-	-	-	-	-	
	43421	36	31	9	4	-	3	1	-	1	-	-	1	4	-	1	4	
	29822	25	11	6	1	-	2	1	-	-	-	-	-	3	-	-	-	
een WHL†	42432	34	28	9	5	-	1	1	-	1	-	-	-	3	-	-	9	
reen	26577	21	9	5	1	-	-	-	-	-	-	-	-	3	-	-	-	
reen	21272	12	7	2	2	-	1	1	-	-	-	-	-	1	-	-	-	
	22499	12	9	1	3	-	-	-	-	-	-	-	-	2	-	2	-	
wn W	15550	18	17	2	3	-	2	-	-	-	-	-	-	-	-	-	10	
h	11597	3	4	1	1	-	-	-	-	-	-	-	-	1	-	-	-	
ch H	7322	4	16	1	-	-	-	1	-	-	-	-	-	-	5	6	14	
	10381	6	6	3	1	-	-	-	-	-	-	1	-	-	-	-	-	
	9224	8	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	
ge East	17900	8	6	5	-	-	-	-	-	-	-	-	-	1	-	1	-	
e East	21350	10	4	1	-	-	2	-	-	-	-	-	-	-	-	-	-	
ge East W	8802	2	12	4	3	-	1	-	-	-	-	-	-	-	1	1	5	
	11640	8	4	2	-	-	2	-	-	-	-	-	-	1	-	-	-	
	16131	16	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
	29919	18	10	3	-	-	-	-	-	-	-	-	-	2	2	2	-	
wn Western	38128	32	10	4	1	1	-	-	-	-	-	-	-	1	-	1	-	
wn Eastern WwvH-	55024	54	24	5	7	1	1	-	-	-	1	-	-	2	-	-	4	
	67765	78	58	20	8	1	3	-	-	-	-	1	1	11	-	2	8	
	48611	35	19	12	-	1	-	-	-	1	-	-	-	2	2	5	1	
DISTRICTS.																		
hwark WH	14573	9	5	-	2	-	-	-	-	-	-	-	-	-	-	-	1	
hwark H	15677	10	8	5	-	-	-	-	-	-	-	-	-	1	-	-	-	
H	20421	17	11	4	-	-	1	-	-	1	-	-	-	2	-	1	-	
	16695	16	8	4	-	-	-	-	-	-	-	-	-	-	1	-	-	
	18961	23	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
	23682	20	11	2	2	-	-	-	-	-	-	-	-	-	-	-	-	
h W	48248	47	21	8	3	1	-	-	-	-	-	2	-	3	-	2	7	
on	16792	11	5	2	-	-	-	-	-	-	-	-	-	1	-	-	-	
rk H	4373	4	8	1	1	-	-	-	-	-	-	-	-	-	4	4	8	
own W	10500	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
	16787	9	9	4	1	1	-	-	-	-	-	-	-	-	1	2	-	
wn W	15709	15	7	5	-	-	-	-	-	-	-	-	-	3	-	-	1	
ndsey	47933	42	23	8	1	-	-	1	-	-	-	-	-	5	-	-	-	
	27096	33	12	4	1	-	-	-	-	-	-	-	-	1	2	2	2	
	14074	12	5	-	-	-	1	-	-	-	-	-	-	-	1	1	-	
H	18465	17	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
1st H	19492	12	14	3	-	-	-	-	-	1	-	-	-	-	2	2	7	
2nd WW	35833	39	20	4	7	-	-	-	-	-	-	-	-	4	-	-	11	
	41286	29	17	4	3	-	1	-	-	-	-	-	-	1	-	-	-	
	31221	16	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
	35435	28	18	3	4	-	1	2	-	1	-	1	-	-	1	1	2	
	12536	12	3	1	1	-	-	-	-	-	-	-	-	1	-	-	-	
	27347	18	5	3	-	-	-	-	-	1	-	-	-	1	-	-	-	
	54016	56	29	8	8	-	-	-	-	1	-	-	-	4	-	2	2	
	19783	13	4	2	1	-	-	-	-	-	-	-	-	1	-	-	-	
	9439	4	6	2	-	-	-	2	-	-	-	-	-	-	-	-	-	
	14475	13	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
	4041	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
†L†	31254	23	13	4	2	-	-	-	-	-	-	-	-	2	-	-	1	
	42160	40	19	12	1	1	-	-	-	-	-	-	-	2	3	4	-	
rwell	38851	29	13	6	3	1	-	-	-	-	1	-	-	1	-	1	-	
	53714	54	23	5	3	4	-	-	-	-	-	-	-	6	-	1	4	
ord	6474	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	21034	12	8	3	3	-	-	-	-	-	-	-	-	-	-	-	-	
WH	19378	11	11	1	4	-	-	-	-	-	2	-	-	2	1	1	7	
	4539	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	16440	11	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
WH	11513	13	3	1	1	-	-	-	-	-	-	-	-	-	-	-	1	
	19065	15	6	2	1	-	-	-	-	-	-	-	-	1	-	-	-	
	9564	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
rd	17226	13	7	1	1	-	-	-	-	-	-	-	-	4	-	-	-	
WHH	18331	16	9	5	2	-	-	-	-	1	-	-	-	3	-	-	-	
	13027	8	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
W	15232	13	8	2	5	-	-	-	-	-	-	-	-	1	-	-	5	

WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the

Sick Asylum in Tottenham-court sub-district.

" Kentish Town sub-district.

Workhouse in Islington East sub-district.

Workhouse " Hackney sub-district.

" Hoxton New Town sub-district.

" Mile End Old Town Eastern sub-dist.

Districts of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston sub-district.

† Private Lunatic Asylums in which paupers are received.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.

Stepney Bow sub-district.

Poplar & Stepney Sick Asylum

Westminster Union Industrial School in Battersea sub-district.

Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-

ney, Brixton, and St. Paul Deptford sub-districts.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 4th August 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
						Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths by Violence.	
	LONDON—OUTER RING	368,414	631,381	505	271	71	63	2	3	2	3	1	4	28	9	13	58	
29:1	Carshalton <i>W</i> - - -	12228	13523	5	5	-	2	-	-	-	-	-	-	-	-	-	-	
2	Epsom (<i>part of</i>) * <i>WH</i> -	9971	9145	6	1	-	-	-	-	-	-	-	-	-	-	-	-	
36:1	Godstone (<i>part of</i>) * - -	2754	900	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
37:1	Croydon <i>WWH</i> - - -	20851	71319	44	17	6	3	-	-	-	1	-	1	2	1	2	-	
2	Mitcham <i>WH</i> - - -	11697	12534	9	3	1	1	-	-	-	-	-	-	1	-	-	-	
38:1	Wimbledon <i>HH</i> - - -	3220	9087	6	2	1	1	-	-	-	-	-	-	2	-	-	-	
2	Kingston <i>WH</i> - - -	8549	27489	14	13	2	3	-	-	-	-	-	-	-	1	1	-	
3	Esher (<i>part of</i>) * - - -	6601	7353	8	1	1	-	-	-	-	-	-	-	-	-	-	-	
4	Hampton - - -	4573	10185	7	7	2	2	-	-	-	-	-	-	1	-	-	-	
39:1	Richmond <i>WH</i> - - -	2271	16829	13	13	3	-	-	-	-	-	-	1	2	-	-	-	
2	Mortlake - - -	2961	9316	11	5	2	1	-	-	-	-	-	-	1	1	1	-	
40:1	Bromley (<i>part of</i>) * <i>HH</i> -	15669	19509	14	8	3	4	-	-	1	-	-	-	-	-	1	-	
2	Chislehurst (<i>part of</i>) * <i>W</i> -	13665	10028	8	5	1	-	2	-	-	-	-	-	-	-	-	-	
41:1	Bexley <i>H</i> - - -	13439	19566	22	4	1	2	-	-	-	-	-	-	-	-	-	-	
123:1	Sunbury <i>W</i> - - -	11055	9860	6	5	2	1	-	-	-	-	-	-	1	1	1	-	
2	Staines <i>W</i> - - -	13277	10339	8	2	1	-	-	-	-	-	-	-	-	-	-	-	
124:1	Hillingdon <i>WH</i> - - -	6029	9712	6	7	1	1	-	-	-	-	-	-	-	-	-	-	
2	Uxbridge - - -	6178	5329	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
3	Hayes <i>WL</i> - - -	14587	10497	10	8	1	3	-	-	-	-	-	-	2	-	-	-	
125:1	Isleworth <i>W</i> - - -	7008	19930	18	8	1	4	-	-	-	-	-	-	-	-	-	-	
2	Twickenham - - -	2477	10533	5	1	-	-	-	-	-	-	-	1	-	-	-	-	
3	Brentford <i>HL</i> - - -	4370	20279	9	6	2	-	-	-	-	-	-	-	2	-	-	-	
4	Chiswick - - -	1311	8508	11	5	2	-	-	-	-	-	-	-	2	-	1	-	
5	Acton <i>WH</i> - - -	6087	12683	19	6	2	-	-	-	-	-	-	-	1	1	1	-	
126:1	Harrow <i>H</i> - - -	13809	10869	8	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Edgware - - -	6994	3450	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Willesden - - -	4383	15869	9	4	-	2	-	-	-	-	-	-	-	-	-	-	
4	Hendon <i>WH</i> - - -	8382	6972	13	1	-	-	-	-	-	-	-	-	-	-	-	-	
127:1	South Mimms - - -	15419	5924	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Barnet <i>W</i> - - -	5423	7752	5	5	1	2	-	-	-	-	-	-	-	-	-	-	
3	Finchley <i>L</i> - - -	4688	11493	8	8	-	6	-	-	-	-	-	-	-	-	1	-	
128:1	Hornsey <i>H</i> - - -	3039	19357	14	9	1	5	-	1	-	-	-	-	-	1	1	-	
2	Tottenham <i>H</i> - - -	4642	22869	19	8	2	3	-	-	-	-	-	-	1	1	1	-	
3	Edmonton <i>WW</i> - - -	7483	13860	9	19	4	6	-	1	-	-	-	1	2	-	-	-	
4	Enfield <i>WH</i> - - -	12653	16054	6	7	2	-	-	-	-	-	-	-	1	-	-	-	
5	Waltham Abbey - - -	11017	5197	2	2	-	-	-	-	-	1	-	-	-	-	-	-	
6	Cheshunt - - -	8493	7518	9	3	1	-	-	-	-	-	-	-	-	1	1	-	
124:1	Hatfield (<i>part of</i>) * - -	3180	559	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
136:1	Bushey - - -	9028	6472	4	1	-	1	-	-	-	-	-	-	-	-	-	-	
185:1	Stratford - - -	882	23286	16	17	9	1	-	1	-	-	-	-	3	-	-	-	
2	West Ham <i>WWWW</i> - - -	7345	44642	62	30	13	2	-	-	1	-	-	-	3	-	-	-	
3	Leyton <i>WW</i> - - -	4274	15513	7	14	2	3	-	-	-	1	1	-	1	-	1	-	
4	Walthamstow <i>H</i> - - -	6619	15701	18	4	1	-	-	-	-	-	-	-	-	1	-	-	
186:1	Chigwell (<i>part of</i>) * <i>H</i> -	10483	8169	4	2	-	2	-	-	-	-	-	-	-	-	-	-	
188:	Romford (<i>part of</i>) * - -	6730	2879	3	1	-	1	-	-	-	-	-	-	-	-	-	-	
2	Ilford - - -	8492	5947	11	1	-	-	-	-	-	-	-	-	-	-	-	-	
3	Barking Town - - -	4128	6576	11	2	-	1	-	-	-	-	-	-	-	-	-	-	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 29:2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36:1, the two parishes of Warlingham and Farley in Godstone sub-district; 38:3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40:1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40:2, the whole of the Chislehurst sub-district, except the parish of Chislehurst (pop. 2000); 134:1, only the parish of Northaw in Hatfield sub-district; 186:1, the whole of the Chigwell sub-district, except the parish of Thorton (pop. 798); 188:1, only the parish of Dagenham in Romford sub-district.

	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from								Deaths in Public Institutions.	
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.		
LONDON	446,494	4,367,547	20·4	4·3	1710	532	311	24	54	17	11	22	26	204	58	262	
LONDON -	78,080	3,533,484	21·3	4·7	1439	461	248	22	51	15	8	21	22	176	49	239	
GLoucester -	368,414	834,063	17·0	2·7	271	71	63	2	3	2	3	1	4	28	9	23	

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 28 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH- RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
ALBANY -	429,535	June 30	-	159	19·3	Small-pox 3; fevers 38; cholera 12.
ALBANY -	644,405	July 3	-	-	-	-
ALBANY -	397,552	June 22	277	836	109·3	Small-pox 111; cholera 65; fevers 106.
ALBANY -	1,988,806	August 2	-	837	21·8	Typhoid fever 23; measles 15.
ALBANY -	67,829	July 28	46	27	20·8	-
ALBANY -	188,609	" 28	102	68	20·4	Small-pox 1.
ALBANY -	289,981	" 28	218	131	23·0	Whooping-cough 2.
ALBANY -	136,231	" 28	106	57	21·7	-
ALBANY -	104,095	" 28	73	42	21·0	-
ALBANY -	215,000	" 31	153	89	21·6	Whooping-cough 2.
ALBANY -	146,845	" 21	-	79	28·0	-
ALBANY -	79,000	" 28	63	24	16·5	Scarlet fever 1; whooping-cough 1.
ALBANY -	669,741	June 30	-	402	31·2	Small-pox 7; fevers 32.
ALBANY -	997,269	July 14	785	948	49·3	Diarrhoeal diseases 450; scarlet fever 20.
ALBANY (State)	393,588	" 14	274	180	23·9	Diphtheria and croup 4.
ALBANY -	202,295	" 21	147	83	21·1	Scarlet fever 5.
ALBANY -	246,813	" 28	185	180	36·4	Whooping-cough 4.
ALBANY -	209,000	" 28	162	143	35·0	Scarlet fever 4; diarrhoeal diseases 38.
ALBANY -	714,548	" 28	483	301	21·9	Small-pox 3; diphtheria 8.
ALBANY -	315,401	" 21	257	270	44·5	Small-pox 2; typhus 15.
ALBANY -	278,607	" 14	155	128	23·9	Diphtheria and croup 3.
ALBANY -	454,948	" 15	-	247	28·3	Diphtheria 6; typhus and typhoid fever 10.
ALBANY -	223,488	" 21	141	106	24·4	Typhoid fever and typhus 7.
ALBANY -	139,796	" 21	73	63	23·4	Diphtheria and croup 2; typhoid fever 4.
ALBANY -	212,034	" 21	163	232	57·1	Whooping-cough 11.
ALBANY -	1,077,228	" 7	-	673	32·5	Scarlet fever 21; diarrhoeal diseases 276.
ALBANY -	527,830	" 7	-	264	26·1	Scarlet fever 16; diphtheria 10.
ALBANY -	850,856	" 14	-	441	27·0	Typhoid fever 10; infantile cholera 136.
ALBANY -	363,000	" 7	-	114	16·3	Diphtheria 8; diarrhoeal diseases 18.

for St. Petersburg are derived from Returns received by the Registrar-General from the Foreign Office, through Count Schouvaloff; the Returns are supplied by Dr. Baron Mayden, and are compiled by Dr. P. Sagorsky.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 4th AUGUST, 1877.
[Under the Superintendence of the Astronomer Royal.]

1877. MONTH AND DAY.	MOON. Phases of Moon.	READINGS OF THERMOMETERS.										DIFFERENCE				WIND.					RAIN. Collected in a Gauge whose surface receiving is 5 in. above the ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		Baro- meter.	Dry			Dew Point.	Highest in the sun, as shown by a self-regi- stering Thermo- meter with blackened bulb in vacuo, placed on the Grass.	In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between Dew Point Temperature and Air Temperature.		Between tem- perature of the day and mean tem- perature of the same day on an average of 60 years.*	As deduced from Anemometers.		Amount of Horizontal Movement of Air each day. 16 years.	Robinson's.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
			High- est.	Low- est.	Range in day.			Mean daily value.	Mean daily value.	Greatest. est.	General Direction.		Mean of 24 (hrs.)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873. *In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and - "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The dew point is obtained from the readings of the Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The duration of the barometer increased from 29.98 in. at the beginning of the week to 29.88 in. on the 4th inst. The barometer was reduced to 29.69 in. by 9h. A.M. on the 1st of August.

DATE.		Electricity.		Sun above Horizon, in hours.		Registered Sunshine, in hours.		Sun above Horizon, in hours.	
JULY.									
SUNDAY	29			12.4	15.5			15.5	15.5
MONDAY	30			9.3	15.5			15.5	15.5
TUESDAY	31			9.5	15.4			15.4	15.4
AUGUST.									
WEDNESDAY	1	No electricity was shown throughout the week.		2.3	15.3			15.3	15.3
THURSDAY	2			6.1	15.3			15.3	15.3
FRIDAY	3			3.8	15.2			15.2	15.2
SATURDAY	4			3.2	15.2			15.2	15.2
SUM.				46.6	107.4			107.4	107.4

SKY AND ATMOSPHERE.

A very fine day. Partially cloudy till evening; cloudless at night.

Dense haze and mist in morning; cloudless generally throughout the day. Fine.

A fine day. Very little cloud in the morning; partially cloudy afterwards. Lightning at night.

Rain fell in the early morning hours. Generally cloudy.

A fine day; partially cloudy. A shower of rain fell in the evening.

Fine and partially cloudy till afternoon; overcast afterwards. Rain fell at night.

Generally cloudy.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

[32. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, AUG. 11. [Price 1½d.]

*General Register Office, Somerset House,
13th August, 1877.*

UNITED KINGDOM.

During last week 5357 *births* and 3204 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2153. The mortality from all causes was at the average rate of 21 deaths annually in every 1000 persons living. The annual death-rate was 19 per 1000 in Edinburgh, 21 in Glasgow, and 23 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Norwich 17, Sheffield 17, Plymouth 17, Bradford 18, Brighton 19, London 19, Newcastle-upon-Tyne 19, Merland 20, Salford 21, Birmingham 21, Leeds 21, Portsmouth 22, Bristol 22, Nottingham 22, Manchester 23, Hull 23, Oldham 24, Liverpool 25, Wolverhampton 25, and the highest rate 34 in Leicester. The annual death-rate from the seven principal zymotic diseases averaged 4·9 per 1000 in the twenty towns, and ranged from 1·8 and 1·9 in Bradford and Norwich, to 8·2 and 10·7 in Hull and Leicester. In the twenty towns 25 deaths from small-pox were registered, of which 20 occurred in London, 2 in Brighton, one in Liverpool, one in Manchester, and one in Leicester. Typhoid fever showed increased fatal prevalence in Wolverhampton, and infantile diarrhoea was exceptionally fatal in Leicester and Hull.

LONDON.

LONDON 2236 BIRTHS and 1293 DEATHS were registered. Allowing for increase of population, the births were 101, and the deaths 334 below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two preceding weeks had been equal to 21·1 and 20·1 per 1000, declined last week to 19·1.

The 1293 deaths included 20 from small-pox, 43 from measles, 21 from scarlet fever, 6 from diphtheria, 29 from whooping-cough, 15 from different forms of fever, and 166 from diarrhoea; thus to the seven principal diseases of the zymotic class 300 deaths were referred, against 338 and 315 in the two preceding weeks. The 300 deaths were no less than 202 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 4·4 per 1000. The 43 fatal cases of measles showed a decline in the numbers returned in recent weeks, but included 17 in the East group of districts; 4 occurred in Shoreditch, and 4 in St. George's-in-the-East. The 29 deaths from whooping-cough included 8 in the East and 12 in the South groups of districts; 3 occurred in Shoreditch, 4 in Bethnal Green, and 6 in Southwark. Of the 21 deaths from scarlet fever, 3 were returned in Fulham, 3 in Marylebone, 3 in Bethnal Green. Four of the 6 fatal cases of diphtheria occurred in West London, including 2 in Belgrave sub-district. The 15 deaths referred to fever included 17 below the corrected average weekly number; 2 were certified as typhus, 1 as enteric or typhoid, and 3 as simple continued fever. Of the two fatal cases of typhus, one occurred at 16, Quadrant Grove, Kentish Town, and the other at 10, Fern Street, Bromley-by-Bow.

The fatal cases of small-pox, which had been 35, 27, and 22 in the three preceding weeks, further declined last week to 20; of these, 10 occurred in the Metropolitan Asylum Hospitals, 2 in the Highgate Small-pox Hospital, and the remaining 8 in private dwellings. After distributing the 12 fatal hospital cases, it appears that 4 of the deceased small-pox patients had resided in the registration district of Wandsworth, 3 in Islington, 2 in Marylebone, 2 in Stepney, and 2 in Berwick. Of the 20 fatal cases of small-pox, 7 were certified to be unvaccinated, 3 to be vaccinated, and in the 10 remaining cases information as to

vaccination was omitted from the medical certificates. Small-pox is reported to be very prevalent in Rectory Place, Fulham ; a fatal case occurred there last week, and the sanitary condition of the houses is said to be very unsatisfactory.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which in the eleven preceding weeks had steadily declined from 964 to 445, further fell last week to 402 ; the admissions were 60, against numbers declining from 146 to 65 in the five previous weeks. The Highgate Small-pox Hospital contained 42 small-pox patients on Saturday last, against 41 at the end of the previous week.

The deaths referred to diarrhoea, which had been 184 and 176 in the two previous weeks, further declined to 166 last week, and were 156 below the corrected average weekly number ; 121 were of infants under one year of age, and 35 of children aged between one and five years. The deaths referred to this disease were equal to an annual rate of 2·5 per 1000 persons living. Five deaths were referred to simple cholera or choleraic diarrhoea, 4 being of infants under one year, and the other of a child aged between one and five years.

The deaths referred to diseases of the respiratory organs further declined last week to 117, and were 21 below the corrected average weekly number ; 57 were referred to bronchitis and 41 to pneumonia.

Different forms of violence caused 38 deaths ; 32 were the result of negligence or accident, including 15 from fractures and contusions, 2 from burns and scalds, 9 from drowning, and 2 of infants under one year of age from suffocation. The death of a child aged 2 years, in Islington, was referred to sun-stroke. The 15 deaths from fractures and contusions were thus caused : male 4, run over by cab ; male 46, fell from dray ; male 66, knocked down by dog cart ; male 3, run over (by what vehicle not stated) ; male 15, crushed by carriages on railway ; male 20, run over on railway ; males 58, 67, and 70, and females 38 and 77, fell down stairs ; male 45, injured by fall of earth while excavating ; female 84, fell off a stool ; male 62, concussion of brain (how caused not stated) with paralysis ; female 4, fell on her head. An inquest was held in each of these cases except the last, which was certified by a registered medical practitioner.

In the large Public Institutions 220 deaths were recorded, or 17 per cent. of the total deaths ; of these, 125 occurred in Workhouse Establishments, 88 in Hospitals, and 7 in Lunatic Asylums.

GREATER LONDON.

In Greater London 2716 births and 1539 deaths were registered, equal to annual rates of 32·4 and 18·4 per 1000 of the population. In the Outer Ring, 4 deaths were referred to small-pox, of which 2 occurred in Croydon, one in Stratford, and one in West Ham. Two deaths were also referred to fever in Croydon sub-district.

Dr. Frankland reports as the result of his analysis of the waters supplied to the Metropolis and some of its suburbs during July, that taking unity to represent the average amount of organic impurity in a given volume of the Kent Company's water during the last nine years, the proportional amount of such impurity in an equal volume of water supplied by each of the other Companies, and by the Tottenham Local Board was :—Tottenham 0·2, Kent (Shortlands Well) 0·3, East London 0·7, Kent (Deptford Wells) 0·8, Colne Valley 1·0, West Middlesex 1·2, New River 1·3, Southwark 1·5, Chelsea 1·9, Grand Junction 2·2, and Lambeth 2·3. The waters drawn from the rivers Thames and Lea contained a remarkably small proportion of organic impurity, and were efficiently filtered before delivery, the Lambeth Company's water alone excepted, which was "slightly turbid when drawn from the main." The waters supplied by the Kent and Colne Valley Companies and by the Tottenham Local Board were of most excellent quality ; this deep-well water is of unsurpassed purity, and is very abundant in the Thames basin, but it is as yet supplied to but a very small portion of the Metropolis.

Dr. Hill reports that the quality of the water supplied to Birmingham had improved in all respects, and was with the exception of a few suspended particles, clear. The water supplied to Glasgow from Loch Katrine is reported by Dr. Mills as "out of condition during most of the preceding month, being of a very pale brown colour, containing plenty of muddy particles, with a few fibres, and considerable traces of iron."

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Bombay was 55 ; Paris 24 ; Geneva 32 ; Brussels 23 ; Amsterdam

Rotterdam 18, The Hague 24; Copenhagen 22; Stockholm 28; Christiania Berlin 45, Hamburg 27, Dresden 29, Breslau 27, Munich 38; Vienna 20; Pesth 45, Rome 24, Naples 26, Turin 23, Venice 23; Alexandria 54; New York 40, Brooklyn 34, Philadelphia 27, and Boston 22. Cholera caused 180 deaths in Bombay; and diarrhœal diseases 362 in Berlin and 379 in New York.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·64 in.; the highest reading was 29·91 in. on Sunday morning, and the lowest 29·31 in. on Tuesday and Wednesday afternoons. The mean temperature of the *air* was 62°·5, and 0°·4 above the average of the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average on Wednesday, Thursday, and Saturday, but showed an excess on each of the other days of the week; on Monday the mean was 66°·4, and in excess by 4°·3, whereas on Friday it fell to 59°·7, and was 2°·4 below the average. The lowest night temperature was 50°·2 on Saturday, and the highest day temperature in the shade 79°·0 on Monday; the extreme range in the week was, therefore, 28°·8. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 124°·2 on Saturday. The difference between the mean *point* and *air* temperature averaged 9°·3. The mean temperature of the water in the Thames, deduced from daily observations taken at the "Royalist" Police Ship, was 65°·8. The mean *humidity* of the air was 72, complete saturation being represented by 100; the air was therefore dry. The general direction of the *wind* was South-west, and the horizontal movement of *air* averaged 11·4 miles per hour, which was 0·1 above the average in the corresponding week of the 60 years. *Rain* fell on five days of the week, to the aggregate amount of 0·71 of an inch. The duration of registered sunshine in the week was 34·6 hours, the sun being above the horizon during 18 hours.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of July 1877; according to their returns 133,684,030 gallons or 607,388 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 250 gallons (16·6 decalitres) rather more than a *ton* by weight, to each house, and 35·2 gallons (16·0 decalitres) to each person, against 36·6 gallons during July 1876.

COMPANIES.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for domestic consumption) during the Month of	
	JULY 1876.	JULY 1877.	JULY 1876.	JULY 1877.
TOTAL SUPPLY	528,406	535,478	137,133,677	133,684,030
from Thames	248,661	251,269	69,178,301	67,610,360
from Lea and from other Sources	279,745	284,209	67,955,376	66,073,670
THAMES.				
Chelsea	28,675	28,741	8,861,700	8,819,600
West Middlesex	48,278	49,462	11,990,740	11,298,597
Southwark and Vauxhall	80,530	78,530	19,800,000	19,350,000
Grand Junction	36,616	37,683	13,290,561	12,793,968
Lambeth	54,562	56,853	15,229,300	15,348,200
LEA AND OTHER SOURCES.				
New River	124,553	125,595	31,547,000	29,104,000
East London	110,354	113,192	27,718,651	28,946,200
Kent	44,838	45,432	8,689,725	8,023,470

Note.—The Return for July 1877, as compared with that for the corresponding month of 1876, shows an increase of 7,072 houses, and a decrease of 3,449,647 gallons of water supplied daily.

ANALYSIS OF METROPOLITAN WATER SUPPLY DURING JULY.

Royal College of Chemistry, South Kensington Museum,
8th August 1877.

I HAVE to report to you in the following Table the results of the chemical analysis of the waters supplied to the inner and portions of the outer circle of the Metropolis during the month of July.

I append, also, the results obtained in the analyses of the water supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Water Company's water during the last nine years as unity, the proportional amount in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health was:—Tottenham 0·2, Kent (Shortlands Well) 0·3, East London 0·7, Kent (St. Botolph Wells) 0·8, Colne Valley 1·0, West Middlesex 1·2, New River 1·3, Southwark 1·5, Chelsea 1·9, Grand Junction 2·2, and Lambeth 2·3.

The river waters contained a remarkably small proportion of organic impurity; and, with one exception, they were all delivered in an efficiently filtered condition. The exception was the Lambeth Company's water, which was slightly turbid when drawn from the main.

The water supplied from artesian wells to the inner circle by the Kent Company, and to the outer circle by the Kent Company, the Colne Valley Company, and the Tottenham Local Board of Health, was bright, palatable, and of most excellent quality for dietetic purposes. This water is of unsurpassed purity, and is very abundant in the Thames basin, but it is as yet supplied to only a very small portion of the Metropolis.

Seen through a stratum two feet deep, the Kent, Colne Valley, and Tottenham waters were clear and colourless; the New River, East London, West Middlesex, Chelsea, and Southwark, clear and nearly colourless; the Grand Junction, clear and very pale brown; and the Lambeth, slightly turbid and very pale brown.

Dr. Hill, the Medical Officer of Health for Birmingham, reports that the water supplied to that town exhibited an improvement in all respects. It contained a few suspended particles but was otherwise clear.

Dr. Mills, F.R.S., of the Andersonian University, Glasgow, reports that the water supplied to that city from Loch Katrine "had been out of condition during most of the preceding month." It was "very pale brown; contained plenty of muddy particles with a few fibres, and considerable "traces of iron."

The Registrar General, &c. &c.

I am, &c.

E. FRANKLAND.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

COMPANIES OR LOCAL AUTHORITIES.		Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Mat- ters.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Ni- trates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES:		°								
	Chelsea - - -	{ 9th July, Cab Rank, Horse Guards. }	17·3	26·00	·093	·017	0	·201	·218	1·50	19·6
	West Middlesex -	{ 9th July, Cab Rank, Portland-road. }	17·8	25·34	·055	·014	0	·160	·174	1·60	18·9
	Southwark and Vauxhall - -	{ 9th July, Cab Rank, St. George's Church, Borough. }	15·8	25·60	·077	·009	·002	·180	·191	1·57	19·0
	Grand Junction -	{ 9th July, Lancaster-gate, Hyde Prk. }	15·3	26·40	·107	·023	·001	·172	·196	1·60	18·9
	Lambeth - - -	{ 9th July, Cab Rank, Westminster Bridge-road. }	17·3	27·34	·112	·022	0	·215	·237	1·55	19·4
	OTHER SOURCES:										
	New River - -	{ 9th July, Cab Rank, Tottenham- court-road. }	18·0	26·36	·068	·010	0	·208	·218	1·55	19·7
	East London -	{ 9th July, Royal Hotel, Mile-End-rd. }	17·3	26·10	·031	·012	0	·158	·170	1·65	18·7
	Kent - - -	{ 10th July, Deptford Bridge Police Station. }	14·0	42·74	·034	·013	0	·484	·497	2·60	27·5
Outer Circle.	Kent - - -	{ 24th July, Public Drinking Fountain, Shortlands' Railway Station. }	15·0	30·50	·011	·004	0	·342	·346	1·60	23·3
	Colne Valley - -	{ 5th July, Bushey. }	14·4	15·20	·040	·017	0	·356	·373	1·45	7·1
	Tottenham Local Board - -	{ 17th July, High Street, Tottenham. }	—	44·84	·009	·004	0	·385	·389	3·14	27·8
Corporation of Birming- ham* - - -		{ 4th July, 2 Court, Great Barr-street. }	17·2	22·40	·262	·045	0	·142	·187	1·50	14·8
Corporation of Glasgow †-		{ 16th July, Loch Katrine service. }	12·9	2·80	·207	·022	0	·003	·025	·75	·8
Column 1.		2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the Borough.

† Analysed by Dr. E. J. Mills, F.R.S., of the Andersonian University, Glasgow.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, all relate to 100,000 parts of the waters. The Table is to be read thus: the Chelsea Company's water, collected on the 9th July at the Horse Guards cab-rank, had a temperature of 17°·3; 100,000 lbs. of it contained 26·00 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·093 lb. of carbon and ·017 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·201 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·218 lb. The above weight of water also contained 1·50 lb. of chlorine. Finally, 100,000 lbs. of the water contained 19·6 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 11th August 1877.

TOWNS.	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 11th August 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.		In Inches.	In Centimetres.
London	212,881	8,144,940	38·3	5357	3204	79·7	45·2	60·4	15·78	0·82	2·08
Birmingham	75,362	3,533,484	46·9	2236	1293	79·0	50·2	62·5	16·95	0·71	1·80
Manchester	2,354	102,264	43·4	52	37	74·8	51·9	61·1	16·17	1·05	2·67
Glasgow	4,486	127,144	28·3	73	53	73·0	52·3	61·5	16·39	0·50	1·27
Edinburgh	7,472	84,023	11·2	37	27	77·0	53·0	62·7	17·06	0·81	2·06
Cardiff	1,395	72,911	52·3	39	24	71·5	48·5	59·8	15·45	1·55	3·94
Cardigan	4,452	202,950	45·6	120	85	79·2	45·2	60·3	15·73	1·24	3·15
Cardigan	3,396	73,389	21·6	60	38	74·7	48·1	58·6	14·78	1·26	3·20
Cardigan	8,400	377,436	44·9	281	151	—	—	—	—	—	—
Cardigan	3,200	117,461	36·7	83	77	78·8	50·5	61·4	16·33	0·45	1·14
Cardigan	1,996	95,025	47·6	76	40	79·7	47·6	61·5	16·39	0·79	2·01
Cardigan	5,210	527,083	101·2	348	249	74·5	51·4	58·6	14·78	0·55	1·40
Cardigan	4,293	359,213	83·7	248	156	—	—	—	—	—	—
Cardigan	5,170	141,184	27·3	115	56	77·1	49·1	59·1	15·06	1·08	2·74
Cardigan	4,666	89,796	19·2	66	42	—	—	—	—	—	—
Cardigan	7,220	179,315	24·8	119	61	72·8	53·0	60·3	15·73	1·12	2·84
Cardigan	21,572	298,189	13·8	239	122	75·0	53·0	61·2	16·22	0·49	1·24
Cardigan	19,651	282,130	14·4	210	92	75·0	52·4	61·4	16·33	0·62	1·57
Cardigan	3,635	140,002	38·5	98	61	74·0	50·0	60·3	15·73	0·63	1·60
Cardigan	3,306	110,382	33·4	86	43	70·0	52·0	58·5	14·72	0·67	1·70
Cardigan	5,371	142,231	26·5	101	53	—	—	—	—	—	—
Cardigan	4,191	218,729	52·2	124	81	71·0	46·0	58·8	14·89	0·47	1·19
Cardigan	6,033	555,933	92·1	371	225	71·0	49·2	58·8	14·89	1·11	2·82
Cardigan	10,050	314,666	31·3	175	138	72·2	50·6	61·1	16·17	0·47	1·19

† of the Meteorological Observers in the several towns, see note at foot of Table 4.
 * for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by the addition of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The figures for Dublin is taken as stationary at the number enumerated in April 1871.

—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 1,055,612 persons, and in DUBLIN, during the Week ending Saturday the 11th August 1877.

S, &c.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
				Deaths of		Deaths from											
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small- pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhœa.	Violence.				
Boundaries, LONDON (IN.)																	
WYNS	20·4	4·9	2760	952	419	25	80	56	10	94	35	362	88	146	382		
-	19·1	4·4	1293	439	215	20	43	21	6	29	15	166	38	66	220		
-	18·9	4·1	37	12	5	2	-	-	-	1	-	5	1	2	5		
-	21·8	5·3	53	27	9	-	-	-	-	-	1	12	-	-	6		
-	16·8	1·9	27	9	5	-	-	-	-	-	1	2	-	1	2		
-	17·2	5·7	24	12	2	-	-	-	-	-	1	7	-	1	-		
-	21·9	5·4	85	20	13	-	9	-	-	7	1	4	4	4	9		
PTON	27·0	7·8	38	8	8	-	-	9	-	1	-	1	-	1	7		
M	20·9	6·6	151	53	21	-	7	2	1	12	4	22	11	13	17		
-	34·2	10·7	77	41	5	1	1	1	-	2	-	19	1	2	6		
M	22·0	4·9	40	16	7	-	-	1	-	2	-	6	2	4	1		
-	24·7	7·8	249	104	26	1	6	3	2	14	6	47	9	10	32		
R	22·7	5·1	156	37	22	1	6	12	-	6	2	8	4	15	24		
-	20·7	3·0	56	17	7	-	-	-	-	1	2	5	1	1	5		
-	24·4	4·7	42	8	7	-	-	-	-	7	-	1	1	4	1		
-	17·8	1·8	61	18	6	-	-	2	-	-	-	4	3	4	5		
-	21·4	5·4	122	40	23	-	2	4	1	6	1	17	3	6	12		
-	17·0	3·0	92	31	12	-	4	-	-	2	-	10	2	2	12		
-	22·7	8·2	61	30	10	-	1	-	-	1	1	19	2	3	3		
D	20·3	2·8	43	13	8	-	-	1	-	2	-	3	2	4	4		
ON-TYNE	19·4	2·2	53	17	8	-	1	-	-	1	-	4	4	3	11		
-	22·9	3·0	138	15	37	-	6	-	1	1	6	4	7	5	41		

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the THIRTY-SECOND Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2087	2025	2227	2066	2057	2169	2174	2365	2395	2276	2184.1	2236
Males . .	1053	1065	1168	991	1055	1122	1151	1186	1212	1149	1115.2	1154
Females .	1034	960	1059	1075	1002	1047	1023	1179	1183	1127	1068.9	1082
TOTAL Deaths	1274	1545	1591	1494	1568	1598	1711	1368	1483	1572	1520.4	1293
Males . .	667	795	822	755	805	857	889	706	783	823	790.2	680
Females .	607	750	769	739	763	741	822	662	700	749	730.2	613

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867-76 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	May 19.	May 26.	June 2.	June 9.	June 16.	June 23.	June 30.	July 7.	July 14.	July 21.	July 28.	Aug. 4.	Aug. 11.
TOTAL Deaths - - -	1564	1392	1443	1429	1315	1271	1300	1322	1449	1438	1430	1439	1293
0—20 - - -	758	651	688	692	663	632	609	691	795	788	789	778	725
20—40 - - -	200	211	233	226	180	188	205	189	182	174	190	189	161
40—60 - - -	272	243	241	239	218	217	249	206	217	225	206	224	192
60—80 - - -	265	250	234	224	207	199	196	194	223	202	206	222	176
at 80 years & upwds.	69	37	47	48	47	35	41	42	32	49	39	26	39
Deaths of { Under 1 year -	341	293	304	282	287	306	275	378	447	498	464	461	439
children { 1—5 - - -	318	249	268	286	260	222	224	207	227	192	199	239	209
{ 5—20 - - -	99	109	116	124	116	104	110	106	121	98	126	78	77
Deaths from 7 principal Zy- } motic Diseases } - - -	246	220	236	220	218	210	223	244	324	332	338	315	300
" " Smallpox - - -	70	69	61	58	55	44	44	23	32	35	27	22	20
" " Measles - - -	59	56	69	65	61	42	45	44	28	42	51	51	43
" " Scarlet Fever - -	20	21	28	19	14	14	24	18	21	19	25	15	21
" " Diphtheria - - -	4	3	8	6	7	7	6	9	7	6	4	3	6
" " Whooping-cough -	59	34	41	40	38	35	28	35	46	36	23	21	29
" " Typhus fever - - -	2	1	3	1	4	5	6	6	1	2	2	2	2
" " Enteric (or Ty- } phoid) fever - - -	6	16	11	11	9	12	15	10	14	15	15	13	10
" " Simple Cont ^d fever -	4	7	2	4	3	5	5	3	6	4	7	7	3
" " Diarrhœa - - -	22	13	13	16	27	46	50	96	169	173	184	176	166
" " Simple Cholera - -	-	-	-	-	-	2	2	6	14	9	9	8	5
" " Dis. of Respira- } tory Organs - - -	338	303	259	251	199	166	162	144	159	181	169	144	117
" " Phthisis - - -	149	155	174	174	163	161	198	176	159	149	153	166	129
" " Heart Diseases - -	91	86	91	77	67	67	77	62	76	76	84	81	66
Violent Deaths - - -	48	36	58	59	76	62	52	56	60	42	44	49	38
Inquest Cases - - -	104	82	92	101	116	94	86	86	96	75	89	99	66
Deaths in Public Institutions	315	277	300	293	275	272	281	255	271	265	245	239	220
TEMPERATURE OF THE AIR:													
Mean - - -	51.1	49.1	53.7	60.4	62.2	63.3	61.6	58.2	61.1	59.1	60.8	63.3	62.5
Mean of Highest readings -	60.6	57.5	63.6	74.4	75.1	77.6	76.8	71.6	73.9	69.0	71.3	76.5	73.5
Mean of Lowest readings -	45.3	44.5	46.7	48.7	51.7	51.5	50.0	48.9	50.7	53.0	53.4	53.8	54.6
Mean Temperature of the } Water of the Thames - - }	54.4	53.9	55.4	58.8	64.3	67.3	65.6	65.8	64.6	64.3	64.2	66.2	65.8
Humidity of the Air - - -	82	74	73	68	72	63	61	71	71	76	80	69	72
Rain-fall in inches - - -	0.80	0.23	0.28	0.07	0.41	0.01	0.01	0.63	0.37	0.84	0.60	0.09	0.71
Registered Sunshine (in hours)	19.5	13.5	44.0	70.3	68.9	67.0	58.4	46.0	40.5	37.8	21.7	46.6	34.6

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

EATH.

A person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, &c., during the Week ending

The DEATHS registered in the Week include																	
REGISTRATION SUB-DISTRICTS.	Enume- rated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	Deaths of		Deaths from											Inquest Cases. Deaths in Public Places.
				Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.		
LONDON	3,254,260	2236	1293	439	215	20	43	21	6	29	2	10	3	166	38	66	
WEST DISTRICTS	561,359	353	234	83	37	1	6	7	4	3	-	1	-	30	4	6	
NORTH DISTRICTS	751,729	490	272	85	52	11	6	4	-	5	1	2	1	38	8	17	
CENTRAL DISTRICTS	334,369	168	121	39	24	-	5	-	-	1	-	1	1	15	5	11	
EAST DISTRICTS	639,111	452	276	90	40	2	17	6	-	8	1	3	-	38	11	19	
SOUTH DISTRICTS	967,692	773	390	142	62	6	9	4	2	12	-	3	1	45	10	13	
WEST DISTRICTS.																	
St. Mary Paddington WH	58728	40	20	6	3	-	-	1	-	1	-	-	-	2	1	1	
St. John Paddington H	38085	15	13	2	1	-	-	-	-	-	-	-	-	-	1	1	
Kensington Town W	91645	68	42	18	9	-	1	1	-	-	-	-	-	8	-	1	
Brompton H	28654	15	7	-	2	-	-	-	-	-	-	-	-	-	1	-	
St. Peter Hammersmith	6662	6	6	2	1	-	-	-	1	1	-	-	-	2	-	-	
St. Paul Hammersmith H	36029	38	17	6	3	-	-	1	-	1	-	-	-	3	-	-	
Fulham WvH	23350	24	17	10	2	1	-	2	-	-	-	-	-	3	-	-	
Chelsea South HHH	26420	23	12	6	-	-	3	-	-	-	-	-	-	3	-	-	
Chelsea North-west WHHHH	22926	14	15	5	4	-	-	-	-	-	-	-	-	3	-	-	
Chelsea North-east	21392	13	8	6	1	-	-	-	-	-	-	-	-	-	-	-	
Hanover Square H	18698	7	4	2	-	-	-	-	-	-	-	-	-	-	-	-	
May Fair WW	13358	5	5	1	2	-	-	-	-	-	-	-	-	-	-	-	
Belgrave HH	57972	23	21	4	5	-	-	-	2	-	-	-	-	2	1	1	
St. John Westminster HH	38478	35	18	4	1	-	1	2	-	-	-	-	-	1	-	-	
St. Margaret Westminster WH	27781	11	9	3	1	-	-	-	-	-	-	1	-	2	-	1	
Golden Square WH	12860	3	5	1	-	-	-	-	-	-	-	-	-	-	-	1	
Berwick-street H	20759	7	8	2	1	-	-	-	1	-	-	-	-	-	-	1	
St. Anne Soho HHHHH	17562	6	7	5	1	-	1	-	-	-	-	-	-	1	-	1	
NORTH DISTRICTS.																	
All Souls Marylebone HHHH	28579	9	11	4	1	-	2	-	-	-	-	-	-	3	-	-	
Cavendish Square HH	15425	4	1	-	-	-	-	-	-	-	-	-	-	-	-	1	
Rectory Marylebone WH	26384	14	19	6	7	1	-	-	-	1	-	-	-	3	-	1	
St. Mary Marylebone HHH	21786	13	6	1	1	-	-	1	-	-	-	-	-	2	-	2	
Christchurch Marylebone H	33944	19	11	5	3	-	-	-	-	-	-	-	-	3	2	2	
St. John Marylebone H	33136	17	6	-	2	-	-	2	-	-	-	-	-	-	-	-	
Hampstead WvHH	32231	13	14	2	1	4	1	-	-	-	-	-	-	-	-	-	
Regent's Park Pancras	38200	22	6	2	1	-	-	-	-	-	-	-	-	1	-	-	
Tottenham-court WHHH	29370	10	18	4	5	-	1	-	-	-	-	-	-	3	1	2	
Gray's Inn Lane HHH	29221	5	8	1	1	-	-	-	-	2	-	-	-	-	-	-	
Somers Town	38533	21	8	4	-	-	-	-	-	-	-	-	-	2	-	2	
Camden Town WH	17943	14	10	3	5	-	-	-	-	-	-	-	-	5	-	-	
Kentish Town w	68198	60	31	12	5	-	-	-	-	-	1	-	-	-	-	-	
Islington West HHH	97820	77	37	16	2	3	-	-	-	-	-	1	-	5	2	3	
Islington East Wvvh	115953	91	40	10	10	1	1	-	-	2	-	-	1	4	-	1	
Stoke Newington H	9841	13	4	2	-	-	-	-	-	-	-	-	-	1	-	-	
Stamford Hill	6598	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
West Hackney	28069	18	9	3	1	-	1	1	-	-	-	-	-	4	-	4	
Hackney WvvhHL	50104	43	22	6	4	2	-	-	-	-	-	-	-	-	3	1	
South Hackney	30339	24	10	4	2	-	-	-	-	-	-	1	-	-	-	-	
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17853	7	5	2	-	-	-	-	-	-	-	-	-	2	-	-	
St. Giles South WH	19109	5	9	3	1	-	-	-	-	1	-	-	1	3	-	-	
St. Giles North	16594	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Long Acre	11379	6	5	1	2	-	-	-	-	-	-	-	-	1	2	2	
Charing Cross HH	9859	3	9	-	2	-	-	-	-	-	-	-	-	-	-	-	
St. Mary-le-Strand	9378	3	1	-	1	-	-	-	-	-	-	-	-	-	1	1	
St. Clement Danes H	10723	7	8	5	1	-	-	-	-	-	-	-	-	1	1	1	
St. George-the-Martyr HHHHH	20521	10	8	3	1	-	-	-	-	-	-	-	-	1	-	-	
St. Andrew Eastern W	13529	7	8	2	3	-	1	-	-	-	-	-	-	-	-	1	
Saffron Hill H	9066	4	3	1	2	-	-	-	-	-	-	-	-	-	-	-	
St. James Clerkenwell W	18917	6	6	1	1	-	-	-	-	-	-	-	-	-	-	-	
Amwell Clerkenwell	16884	14	5	3	-	-	-	-	-	-	-	-	-	-	-	-	
Pentonville	13337	7	4	2	-	-	-	-	-	-	-	-	-	-	-	-	
Goswell-street	16242	12	6	3	1	-	-	-	-	-	-	-	-	1	-	1	
Old-street H	12161	15	2	-	-	-	-	-	-	-	-	1	-	1	-	1	
City-road HHL	18301	27	7	4	1	-	2	-	-	-	-	-	-	1	-	1	
Whitecross-street	13792	11	3	3	-	-	-	-	-	-	-	-	-	-	-	-	
Finsbury	10741	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Botolph East London H	14540	4	5	2	1	-	-	-	-	-	-	-	-	3	-	-	
Cripplegate	13638	6	2	1	1	-	-	-	-	-	-	-	-	-	1	2	
St. Sepulchre H	7562	-	15	-	3	-	1	-	-	-	-	-	-	1	1	1	
St. Bride W	11185	1	4	1	2	-	-	-	-	-	-	-	-	1	-	-	
Castle Baynard	4426	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Christchurch	6270	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Queenhithe	4753	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
Allhallows Barking	5764	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
Broad-street H	7845	-	1	1	-	-	1	-	-	-	-	-	-	-	-	-	

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 11th August 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include											
						Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths from
	LONDON—OUTER RING	368,414	631,381	480	246	74	62	4	1	3	-	1	3	42	8	9	
29: 1	Carshalton W - - -	12228	13523	6	1	1	-	-	-	-	-	-	-	-	-	-	
2	Epsom (part of) * WH -	9971	9145	6	3	-	2	-	-	-	-	-	-	-	-	-	
36: 1	Godstone (part of) * - -	2754	900	-	1	-	-	-	-	-	-	-	-	-	1	-	
37: 1	Croydon WWH - - -	20851	71319	54	36	8	13	2	-	-	-	-	2	2	1	1	
2	Mitcham WH - - -	11697	12534	10	7	3	2	-	-	-	-	1	-	1	-	-	
38: 1	Wimbledon HH - - -	3220	9087	9	1	-	1	-	-	-	-	-	-	-	-	-	
2	Kingston WH - - -	8549	27489	22	9	-	4	-	-	-	-	-	-	1	-	-	
3	Esher (part of) * - - -	6601	7353	3	-	-	-	-	-	-	-	-	-	-	-	-	
4	Hampton - - -	4573	10185	5	3	-	3	-	-	-	-	-	-	-	-	-	
39: 1	Richmond WH - - -	2271	16829	14	11	4	2	-	-	-	-	-	1	2	-	-	
2	Mortlake - - -	2961	9816	5	1	-	1	-	-	-	-	-	-	-	-	-	
40: 1	Bromley (part of) * HH -	15669	19509	13	9	3	2	-	-	1	-	-	-	2	-	-	
2	Chislehurst (part of) * W -	13665	10023	6	6	2	3	-	-	-	-	-	-	-	-	-	
41: 1	Bexley H - - -	13439	19566	15	6	2	1	-	1	-	-	-	-	1	-	-	
123: 1	Sunbury W - - -	11055	9360	5	6	1	1	-	-	-	-	-	-	1	-	-	
2	Staines W - - -	13277	10339	4	3	1	1	-	-	-	-	-	-	1	1	1	
124: 1	Hillingdon WH - - -	6029	9712	1	2	-	-	-	-	-	-	-	-	-	1	1	
2	Uxbridge - - -	6178	5329	2	-	-	-	-	-	-	-	-	-	-	-	-	
3	Hayes WL - - -	14587	10497	7	8	4	1	-	-	1	-	-	-	1	-	-	
125: 1	Isleworth W - - -	7008	19930	16	7	3	2	-	-	-	-	-	-	1	-	2	
2	Twickenham - - -	2477	10533	2	2	-	1	-	-	-	-	-	-	1	-	-	
3	Brentford HL - - -	4370	20279	11	2	-	1	-	-	-	-	-	-	1	-	-	
4	Chiswick - - -	1311	8508	8	1	-	-	-	-	-	-	-	-	-	-	-	
5	Acton WH - - -	6087	12683	13	2	1	-	-	-	-	-	-	-	1	-	-	
126: 1	Harrow H - - -	13809	10869	4	3	2	-	-	-	-	-	-	-	2	-	-	
2	Edgware - - -	6994	3450	5	1	-	1	-	-	-	-	-	-	-	-	-	
3	Willesden - - -	4383	15869	8	5	2	-	-	-	-	-	-	-	3	-	-	
4	Hendon WH - - -	8382	6972	10	2	-	-	-	-	-	-	-	-	-	-	-	
127: 1	South Mimms - - -	15419	5924	4	1	-	-	-	-	-	-	-	-	-	-	-	
2	Barnet W - - -	5423	7752	3	2	-	1	-	-	-	-	-	-	-	-	-	
3	Finchley L - - -	4638	11493	8	12	-	3	-	-	-	-	-	-	-	-	-	
128: 1	Hornsey H - - -	3039	19357	14	8	2	2	-	-	-	-	-	-	2	1	1	
2	Tottenham H - - -	4642	22869	16	14	1	5	-	-	-	-	-	-	1	1	2	
3	Edmonton WW - - -	7483	13860	11	8	3	4	-	-	-	-	-	-	3	-	-	
4	Enfield WH - - -	12653	16054	18	5	3	1	-	-	1	-	-	-	-	-	-	
5	Waltham Abbey - - -	11017	5197	-	1	1	-	-	-	-	-	-	-	1	-	-	
6	Cheshunt - - -	8493	7518	4	-	-	-	-	-	-	-	-	-	-	-	-	
134: 1	Hatfield (part of) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	
136: 1	Bushey - - -	9023	6472	4	2	1	1	-	-	-	-	-	-	-	-	-	
185: 1	Stratford - - -	882	23236	24	13	7	-	1	-	-	-	-	-	5	-	-	
2	West Ham WWWW - - -	7345	44642	64	22	14	2	1	-	-	-	-	-	7	-	-	
3	Leyton WW - - -	4274	15513	9	6	2	-	-	-	-	-	-	-	-	-	-	
4	Walthamstow H - - -	6619	15701	10	4	-	-	-	-	-	-	-	-	-	1	-	
186: 1	Chigwell (part of) * H -	10483	8169	13	3	-	-	-	-	-	-	-	-	-	-	-	
188: 1	Romford (part of) * - -	6730	2879	6	2	1	-	-	-	-	-	-	-	-	-	-	
2	Ilford - - -	8492	5947	5	2	1	-	-	-	-	-	-	-	1	-	-	
3	Barking Town - - -	4128	6576	3	3	1	1	-	-	-	-	-	-	1	1	1	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chislehurst (pop. 1744); 134: 1, only the parish of Northaw in Hatfield sub-district; 186: 1, the whole of the Chigwell sub-district, except the parish of Thoydon (pop. 798); 188: 1, only the parish of Dagenham in Romford sub-district.

—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 11th August, 1877.

R.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from								Deaths in Public Institutions.	
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.		
NDON	446,494	4,367,547	18·4	4·2	1539	513	277	24	44	24	6	30	18	208	46	262	
NDON -	78,080	3,533,484	19·1	4·4	1293	439	215	20	43	21	6	29	15	166	38	220	
IG -	368,414	834,063	15·4	3·4	246	74	62	4	1	3	-	1	3	42	8	42	

Area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 122 square miles, equal to the square of a little more than 11 miles, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
ANTWERP	429,535	July 7	-	-	-	-
BRUSSELS	644,405	" 3	-	687	55·4	Cholera 180; small-pox 9.
PARIS	397,552	June 29	-	-	-	-
LYON	1,988,806	August 9	-	907	23·7	Typhoid fever 23; small-pox 5.
VIENNA	67,829	" 4	40	41	31·5	-
BERLIN	188,609	" 4	102	77	23·1	Small-pox 3; whooping-cough 3.
AMSTERDAM	289,981	" 4	199	120	21·0	Whooping-cough 2.
ROTTERDAM	136,231	" 4	99	48	18·0	Typhoid fever 2.
THE HAGUE	104,095	" 4	61	49	24·0	-
COPENHAGEN	215,000	" 7	164	90	21·8	Diarrhoea 17.
STOCKHOLM	146,845	July 28	-	80	28·3	Whooping - cough 3; diarrhoea 25.
CONSTANTINOPLE	79,000	August 4	60	34	22·4	Whooping-cough 2.
PETERSBURGH	669,741	July 7	-	-	-	-
VIENNA	997,269	" 21	792	866	45·0	Diarrhoeal diseases 362; scarlet fever 24.
ST. PETERSBURG (State)	393,588	" 21	297	201	26·6	Diarrhoea 39.
COPENHAGEN	202,295	" 28	158	116	29·4	Scarlet fever 3.
BRUSSELS	246,813	August 4	206	133	26·9	Whooping-cough 3.
VIENNA	209,000	" 4	199	157	38·0	Diarrhoeal diseases 38.
PARIS	714,548	" 4	490	281	20·4	Small-pox 3; diphtheria 7.
BUDAPEST	315,401	July 28	245	272	44·9	Typhus 7; diarrhoea 64.
VIENNA	278,607	" 21	138	129	24·1	Small-pox 2; diphtheria and croup 4.
BRUSSELS	454,948	" 22	-	229	26·2	Diphtheria 7.
VIENNA	223,488	" 28	147	100	22·9	Typhoid fever and typhus 5.
BRUSSELS	139,796	" 28	89	63	23·4	Typhoid fever 3.
VIENNA	212,034	" 28	162	219	53·9	Whooping-cough 10.
NEW YORK	1,077,228	" 14	-	831	40·1	Scarlet fev. 19; diph. 21; diarrhoeal diseases 379.
BROOKLYN	527,830	" 14	-	347	34·2	Scarlet fever 15; diarrhoeal diseases 147.
PHILADELPHIA	850,856	" 21	-	438	26·9	Scarlet fever 12; infantile cholera 121.
PARIS	363,000	" 14	-	151	21·6	Typhoid fever 5.

* With suburbs, including Genf, Plain-palais, and Eaux-Vives.

WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON

AND IN TWENTY-TWO OTHER LARGE TOWNS

OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

33. 1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, AUGUST 18. [Price 1½d.

*General Register Office, Somerset House,
20th August, 1877.*

UNITED KINGDOM.

DURING last week 5952 *births* and 3313 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2639. The mortality from all causes was at the average rate of 19·3 deaths annually in every 1000 persons living. The annual death-rate was 14 per 1000 in Edinburgh, 22 in Glasgow, and 20 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Brighton 18, Sheffield 19, Newcastle 19, London 19, Wolverhampton 20, Bristol 20, Sunderland 20, Bradford 20, Plymouth 21, Portsmouth 21, Manchester 22, Leeds 22, Oldham 23, Salford 24, Liverpool 26, Liverpool 27, Birmingham 28, Norwich 28, Nottingham 32, Leicester 33. The annual death-rate from the seven principal zymotic diseases averaged 5·8 per 1000 in the twenty towns, and ranged from 3·5 both in Oldham and Sheffield, to 12·9 in Nottingham and Leicester. In the twenty towns 28 deaths from small-pox were registered, of which 21 occurred in London, 5 in Liverpool (exclusive of two fatal municipal cases in Toxteth Workhouse), one in Manchester (exclusive of a fatal municipal case in the Monsall Hospital), and one in Birmingham. Measles again shows fatal prevalence in the Manchester workhouses.

LONDON.

LONDON 2611 BIRTHS and 1309 DEATHS were registered. Allowing for increase of population, the births exceeded by 277, whereas the deaths were 276 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two preceding weeks had been equal to 19·3 and 19·1 per 1000, was last week 19·3. During the past seven weeks of the current quarter the Metropolitan death-rate has averaged but 20·4 per 1000, against 21·7 and 24·4 in the corresponding periods of 1875 and 1876. The 1309 deaths included 21 from small-pox, 49 from measles, 24 from scarlet fever, 12 from diphtheria, 18 from whooping-cough, 28 from different forms of fever, 194 from diarrhœa; thus to the seven principal diseases of the zymotic class 315 deaths were referred, against 315 and 300 in the two preceding weeks. These deaths were 117 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 5·8 per 1000. The 49 fatal cases of measles were double the corrected average number, and included 15 in the East, and 13 in the South groups of districts; 14 occurred in St. Luke's, 4 in Bethnal Green, and 6 in Lambeth. Of the 24 deaths from scarlet fever, 5 were returned in Marylebone, 3 in Shoreditch, and 3 in Bow; scarlet fever appears to be very fatally prevalent in that part of London, Marylebone, known as Portland Town. A death from scarlet fever occurred in Old North-street (Holborn), where the insanitary condition of the drains is commented upon. The 12 fatal cases of diphtheria considerably exceeded the corrected average weekly number, and included 2 in Paddington, and 2 in Marylebone. The 18 deaths from whooping-cough were fewer than in any week since 1871. The 28 deaths referred to fever were 8 below the corrected average number, although in excess of the number in any previous week this year; 15 was certified as typhus, 20 as enteric or typhoid, and 7 as simple continued fever. A fatal case of typhus was recorded in the London Fever Hospital, to which it had been admitted from Talbot Mews, Clarendon Road, Notting Hill. Three deaths from scarlet fever were registered in Pancras, 3 in Bethnal Green, and 2 in Walworth. A fatal case of fever at 39, Webber Street, Southwark, is attributed to sanitary defects in the condition of the house.

The deaths from small-pox, which had slowly declined from 35 to 20 in the previous weeks, were 21 last week; of these, 13 occurred in the Metropolitan

Asylum Hospitals, one in the Highgate Small-pox Hospital, and the remaining 7 in private dwellings. After distributing the 14 fatal hospital cases, it appears that 3 of the deceased small-pox patients had resided in Kensington, 3 in Lambeth, 2 in Mile End Old Town, 2 in the City, and 2 in Camberwell. Of the 21 fatal cases of small-pox, 14 were certified as unvaccinated, 4 as vaccinated, and in the 3 remaining cases information as to vaccination was omitted from the medical certificates.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which in the twelve preceding weeks had steadily declined from 964 to 402, were 321 on Saturday last; the admissions were 34, against numbers declining from 146 to 60 in the six previous weeks.

The deaths referred to diarrhoea, which had been 184, 176, and 166 in the three preceding weeks, rose to 194 last week, but were 88 below the corrected weekly average. The annual death-rate from this disease was equal to 4.1 in East London, whereas it did not exceed 2.6 in all other parts of London. The diarrhoea death-rate last week averaged 4.4 per 1000 in the nineteen provincial towns, and ranged from 1.2 and 1.7 in Oldham and Sheffield, to 9.0 and 12.9 in Hull and Leicester. Three deaths in London were referred to simple cholera, of which 2 were adult cases of choleraic diarrhoea.

Different forms of violence caused 44 deaths; 39 were the result of negligence or accident, including 13 from fractures and contusions, 3 from burns and scalds, 10 from drowning, and 5 of infants under one year of age from suffocation. A woman aged 48 years died in the Royal London Ophthalmic Hospital, whilst under the influence of chloroform. The 13 deaths from fractures and contusions were thus caused: male 4, knocked down by gig; female 52, thrown from carriage; male 28, run over on railway; male 36, struck by railway engine; male 27, crushed between two engines; males 60 and 62, fell down stairs; male 32, fell down ship's hold; male 33, injured by fall of earth while excavating; male 4, fell in the street; female 76, fractured thigh bone from a fall; male 77, injured by fall; male 57, fractura costarum. An inquest was held in each of these cases, except the last two, which were certified by registered medical practitioners.

In the large Public Institutions 221 deaths were recorded, or 17 per cent. of the total deaths; of these, 133 occurred in Workhouse Establishments, 80 in Hospitals, and 8 in Lunatic Asylums.

GREATER LONDON.

In Greater London 3124 births and 1538 deaths were registered, equal to annual rates of 37.3 and 18.4 per 1000 of the population. In the Outer Ring 2 deaths from small-pox, and 9 from diarrhoea were registered in West Ham; in Croydon 4 deaths were referred to diarrhoea, and 2 to infantile cholera.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 18, Bombay 49, Madras 113; Paris 21; Geneva 22; Brussels 22; Amsterdam 26, Rotterdam 23, The Hague 25; Copenhagen 18; Stockholm 22; Christiania 21; St. Petersburg 36; Berlin 47, Hamburg 28, Dresden 23; Breslau 34; Munich 33; Vienna 22, Buda-Pesth 40; Rome 26, Naples 28, Turin 25, Venice 24; Alexandria 54; New York 36, Brooklyn 30, Philadelphia 25, and Boston 31. Cholera caused 127 deaths in Bombay, 57 in Madras, and 3 in Calcutta. Diarrhoeal diseases caused 355 deaths in Berlin, and 331 in New York.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29.77 in.; the highest reading was 29.90 in. on Sunday morning, and the lowest 29.61 in. on Tuesday afternoon. The mean temperature of the *air* was 63°·7, and 2°·0 above the average in the corresponding week of the 60 years 1814-73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed an excess on each day of the week, except Sunday 12th inst., the hottest day being on Tuesday, when the mean was 66°·5, and 4°·5 above the average. The lowest night temperature was 49°·2 on Sunday, and the highest day temperature in the shade 79°·6 on Wednesday; the extreme range in the week was, therefore, 30°·4. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 143°·7 on Thursday. The difference between the mean *dew-point* and *air* temperature averaged 8°·7. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 66°·3. The mean degree of *humidity* of the air was 74, complete saturation being represented by 100; the air was, therefore, dry. The direction of the *wind* was variable, and the horizontal movement of the air averaged 9.4 miles per hour, which was .03 above the average in the corresponding week of 16 years. *Rain* fell on Wednesday only, to the amount of 0.01 of an inch. The duration of registered sunshine in the week was 39.1 hours, the sun being above the horizon during 101.9 hours.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames was 268,839 cubic metres at Crossness, and 369,863 cubic metres at Barking, equivalent to about as many tons by weight.

BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday the 18th August, 1877.

TOWNS.	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 18th August 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
in the } KINGDOM }	212,881	8,144,940	38·3	5952	3313	79·6	45·0	60·7	15·95	0·55	1·40
- -	75,362	3,533,484	46·9	2611	1309	79·6	49·2	63·7	17·61	0·01	0·03
- -	2,354	102,264	43·4	49	35	73·0	50·1	61·5	16·39	0·00	0·00
- -	4,486	127,144	28·3	83	52	70·8	55·5	61·9	16·61	0·00	0·00
- -	7,472	84,023	11·2	62	45	-	-	-	-	-	-
- -	1,395	72,911	52·3	44	29	73·0	49·5	61·0	16·11	0·30	0·76
- -	4,452	202,950	45·6	156	78	76·7	45·4	62·4	16·89	0·62	1·57
PTON -	3,396	73,389	21·6	48	28	71·8	46·6	58·8	14·89	0·61	1·55
- -	8,400	377,436	44·9	310	202	-	-	-	-	-	-
- -	3,200	117,461	36·7	94	74	-	-	-	-	-	-
- -	1,996	95,025	47·6	54	58	76·2	51·8	61·4	16·33	0·22	0·56
- -	5,210	527,083	101·2	433	274	70·9	54·3	60·5	15·84	0·33	0·84
- -	4,293	359,213	83·7	272	149	-	-	-	-	-	-
- -	5,170	141,184	27·3	118	65	74·0	48·9	60·5	15·84	0·24	0·61
- -	4,666	89,796	19·2	66	40	-	-	-	-	-	-
- -	7,220	179,315	24·8	136	71	74·0	52·2	60·8	16·01	0·35	0·89
- -	21,572	298,189	13·8	205	125	74·0	53·0	61·0	16·11	0·58	1·47
- -	19,651	282,130	14·4	200	101	73·0	54·0	60·4	15·78	0·73	1·85
- -	3,635	140,002	38·5	113	72	73·0	55·0	59·7	15·39	0·62	1·57
- -	3,306	110,382	33·4	97	43	74·0	53·0	59·7	15·39	0·39	0·99
N-TYNE	5,371	142,231	26·5	121	52	-	-	-	-	-	-
- -	4,191	218,729	52·2	121	59	70·4	49·0	56·6	13·67	1·94	4·93
- -	6,033	555,933	92·1	382	230	71·0	52·7	60·6	15·90	0·74	1·88
- -	10,050	314,666	31·3	177	122	72·9	45·0	61·9	16·61	1·59	4·04

* of the Meteorological Observers in the several towns, see note at foot of Table 4.

† The numbers for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by the addition of six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The number for Dublin is taken as stationary at the number enumerated in April 1871.

DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 1,055,612 persons, and in DUBLIN, during the Week ending Saturday the 18th August, 1877.

TOWNS, &c.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.		
NS -	21·5	5·8	2902	1062	408	28	79	49	15	68	58	488	96	163	372
- -	19·3	5·1	1309	440	211	21	49	24	12	18	23	194	44	75	221
- -	17·9	6·1	35	19	7	-	-	-	-	1	-	11	-	-	2
- -	21·3	8·6	52	23	5	-	-	-	-	2	2	17	3	4	5
- -	28·0	4·4	45	19	12	-	-	1	-	-	-	6	1	1	3
- -	20·8	4·3	29	11	5	-	-	1	-	-	1	4	-	-	2
- -	20·1	5·7	78	23	14	-	8	1	-	2	-	11	-	1	4
PTON -	19·9	7·1	28	13	3	-	-	6	-	-	-	4	-	-	3
- -	27·9	8·3	202	84	25	1	5	2	-	3	6	43	8	20	17
- -	32·9	12·9	74	40	5	-	-	-	-	-	-	29	3	6	6
- -	31·9	9·9	58	30	8	-	-	1	-	1	-	16	-	3	2
- -	27·1	8·6	274	109	27	5	1	6	1	20	6	48	12	12	28
- -	21·6	4·7	149	39	16	1	6	2	-	2	3	18	7	16	32
- -	24·0	5·9	65	24	16	-	1	-	-	2	3	10	1	2	7
- -	23·2	3·5	40	11	3	-	1	-	-	3	-	2	1	1	-
- -	20·7	5·0	71	22	4	-	-	2	-	6	1	8	5	6	11
- -	21·9	5·6	125	48	13	-	2	1	-	6	2	21	1	2	5
- -	18·7	3·5	101	38	8	-	5	-	-	2	3	9	1	3	11
- -	26·8	9·7	72	38	13	-	-	-	-	-	2	24	1	1	6
- -	20·3	4·3	43	14	6	-	-	2	2	-	-	5	3	3	3
N-TYNE	19·1	3·7	52	17	7	-	1	-	-	-	1	8	5	7	4
- -	20·2	2·0	122	17	31	-	3	-	-	2	4	3	6	6	33

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the THIRTY-THIRD Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	1997	2054	2134	2112	1992	2408	2236	2295	2299	2285	2181·2	2611
Males . .	1017	1037	1065	1136	993	1196	1109	1140	1155	1145	1099·3	1375
Females . .	980	1017	1069	976	999	1212	1127	1155	1144	1140	1081·9	1236
TOTAL Deaths	1391	1462	1527	1398	1715	1445	1608	1303	1453	1509	1481·1	1309
Males . .	698	741	764	737	895	779	867	689	770	752	769·2	669
Females . .	693	721	763	661	820	666	741	614	683	757	711·9	640

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867–76, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	May 26.	June 2.	June 9.	June 16.	June 23.	June 30.	July 7.	July 14.	July 21.	July 28.	Aug. 4.	Aug. 11.	Aug. 18.
TOTAL Deaths - - -	1392	1443	1429	1315	1271	1300	1322	1449	1438	1430	1439	1293	1309
0—20 - - -	651	688	692	663	632	609	691	795	788	789	778	725	739
20—40 - - -	211	233	226	180	188	205	189	182	174	190	189	161	132
40—60 - - -	243	241	239	218	217	249	206	217	225	206	224	192	207
60—80 - - -	250	234	224	207	199	196	194	223	202	206	222	176	191
at 80 years & upwds.	37	47	48	47	35	41	42	32	49	39	26	39	20
Deaths of children { Under 1 year -	293	304	282	287	306	275	378	447	498	464	461	439	440
{ 1—5 - - -	249	268	286	260	222	224	207	227	192	199	239	209	211
{ 5—20 - - -	109	116	124	116	104	110	106	121	98	126	78	77	88
Deaths from 7 principal Zymotic Diseases }	220	236	220	218	210	223	244	324	332	338	315	300	346
„ „ Small-pox - - -	69	61	58	55	44	44	23	32	35	27	22	20	21
„ „ Measles - - -	56	69	65	61	42	45	44	28	42	51	51	43	49
„ „ Scarlet fever - -	21	28	19	14	14	24	18	21	19	25	15	21	24
„ „ Diphtheria - - -	3	8	6	7	7	6	9	7	6	4	8	6	12
„ „ Whooping-cough -	34	41	40	38	35	28	35	46	36	23	21	29	18
„ „ Typhus fever - - -	1	3	1	4	5	6	6	1	2	2	2	2	1
„ „ Enteric (or Typhoid) fever - }	16	11	11	9	12	15	10	14	15	15	13	10	20
„ „ Simple Contag fever - }	7	2	4	3	5	5	3	6	4	7	7	3	7
„ „ Diarrhoea - - -	13	13	16	27	46	50	96	169	173	184	176	166	194
„ „ Simple Cholera - -	-	-	-	-	2	2	6	14	9	9	8	5	3
„ „ Dis. of Respiratory Organs - }	303	259	251	199	166	162	144	159	181	169	144	117	125
„ „ Phthisis - - -	155	174	174	163	161	198	176	159	149	153	166	129	141
„ „ Heart Diseases - -	86	91	77	67	67	77	62	76	76	84	81	66	66
Violent Deaths - - -	36	58	59	76	62	52	56	60	42	44	49	38	44
Inquest Cases - - -	82	92	101	116	94	86	86	96	75	89	99	66	75
Deaths in Public Institutions	277	300	293	275	272	281	255	271	265	245	239	220	221
TEMPERATURE OF THE AIR:													
Mean - - - - -	49·1	53·7	60·4	62·2	63·3	61·6	58·2	61·1	59·1	60·8	63·3	62·5	63·7
Mean of Highest readings -	57·5	63·6	74·4	75·1	77·6	76·8	71·6	73·9	69·0	71·3	76·5	73·5	76·3
Mean of Lowest readings -	44·5	46·7	48·7	51·7	51·5	50·0	48·9	50·7	53·0	53·4	53·8	54·6	55·0
Mean Temperature of the Water of the Thames - }	53·9	55·4	58·8	64·3	67·3	65·6	65·8	64·6	64·3	64·2	66·2	65·8	66·3
Humidity of the Air - - -	74	73	68	72	63	61	71	71	76	80	69	72	74
Rain-fall in inches - - -	0·23	0·28	0·07	0·41	0·01	0·01	0·63	0·37	0·84	0·60	0·09	0·71	0·01
Registered Sunshine (in hours)	13·5	44·0	70·3	68·9	67·0	58·4	46·0	40·5	37·8	21·7	46·6	34·6	39·1

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-THIRD Week of the Year 1877.

CAUSE OF DEATH.		In the Week ending Saturday, August 18, 1877.										In the Week ending Saturday, August 18, 1877.									
		Deaths of Persons of the Ages										Deaths of Persons of the Ages									
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.				
			Mean Tem.	0-1.	1-5.						5-20.	Mean Tem.	0-1.					1-5.	5-20.		
Mean Temperature		64° 2	63° 7	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	64° 2	63° 7	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.		
9. Stricture of Intestines		1° 4	-	-	-	-	-	-	-	-	1° 4	-	-	-	-	-	-	-	-		
10. Fistula		° 4	-	-	-	-	-	-	-	-	° 4	-	-	-	-	-	-	-	-		
11. Stomach Disease, &c.		6° 9	8	-	-	-	-	-	-	-	6° 9	8	-	-	-	2	2	3	1		
12. Pancreas Disease, &c.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
13. Hepatitis		3° 8	2	-	-	-	-	-	-	-	3° 8	2	-	-	-	-	1	1	-		
14. Jaundice		4° 9	5	2	-	-	-	-	-	-	4° 9	5	2	-	-	-	2	1	-		
15. Liver Disease, &c.		21° 4	24	-	-	-	-	-	-	-	21° 4	24	-	-	-	4	14	6	-		
16. Spleen Disease, &c.		° 4	1	-	-	-	-	-	-	-	° 4	1	-	-	-	-	-	-	-		
ORDER 5.																					
1. Nephritis		2° 0	2	1	-	-	-	-	-	-	2° 0	2	1	-	-	-	1	-	-		
2. Ischuria		° 1	-	-	-	-	-	-	-	-	° 1	-	-	-	-	-	-	-	-		
3. Bright's Dis. (Nephria)		10° 4	10	1	-	-	-	-	-	-	10° 4	10	1	-	-	1	3	4	-		
4. Diabetes		1° 5	3	-	-	-	-	-	-	-	1° 5	3	-	-	-	1	1	1	-		
5. Calculus (Stone)		1° 5	1	-	-	-	-	-	-	-	1° 5	1	-	-	-	-	-	-	-		
6. Cystitis		1° 0	2	-	-	-	-	-	-	-	1° 0	2	-	-	-	-	-	2	-		
7. Kidney Disease, &c.		9° 1	8	-	1	-	-	-	-	-	9° 1	8	-	1	-	2	1	3	1		
ORDER 6.																					
1. Ovarian Dropsy		° 7	-	-	-	-	-	-	-	-	° 7	-	-	-	-	-	-	-	-		
2. Uterus Disease, &c.		5° 1	3	-	-	-	-	-	-	-	5° 1	3	-	-	1	1	-	1	-		
ORDER 7.																					
1. Synovitis (Arthritis)		° 5	1	-	-	-	-	-	-	-	° 5	1	-	-	1	-	-	-	-		
2. Joint Disease, &c.		6° 7	6	-	1	5	-	-	-	-	6° 7	6	-	1	5	-	-	-	-		
ORDER 8.																					
1. Phlegmon		2° 5	4	1	-	-	-	-	-	-	2° 5	4	1	-	-	3	-	-	-		
2. Ulcer		° 7	2	-	-	-	-	-	-	-	° 7	2	-	-	-	-	-	1	-		
3. Skin Disease, &c.		1° 4	1	1	-	-	-	-	-	-	1° 4	1	1	-	-	-	-	-	-		
IV. DEVELOPMENTAL DISEASES.																					
ORDER 1.																					
1. Premature Birth		21° 4	23	23	-	-	-	-	-	-	21° 4	23	23	-	-	-	-	-	-		
2. Cyanosis		1° 8	1	1	-	-	-	-	-	-	1° 8	1	1	-	-	-	-	-	-		
3. Spina Bifida		1° 5	3	3	-	-	-	-	-	-	1° 5	3	3	-	-	-	-	-	-		
4. Other Malformations		2° 4	1	-	1	-	-	-	-	-	2° 4	1	-	1	-	-	-	-	-		
5. Teething		14° 0	6	4	2	-	-	-	-	-	14° 0	6	4	2	-	-	-	-	-		
ORDER 2.																					
1. Paramenia		° 2	-	-	-	-	-	-	-	-	° 2	-	-	-	-	-	-	-	-		
2. Childbirth (see Puer- peral Fever)		5° 8	3	-	-	-	-	-	-	-	5° 8	3	-	-	-	3	-	-	-		
ORDER 3.																					
1. Old Age		44° 1	26	-	-	-	-	-	-	-	44° 1	26	-	-	-	-	-	18	8		
ORDER 4.																					
1. Atrophy and Debility		86° 7	67	64	1	-	-	-	-	-	86° 7	67	64	1	-	-	1	1	-		
V. VIOLENT DEATHS, &c.																					
ORDER 1. (ACCIDENT, OR NEGLIGENCE.)																					
1. Fractures & Contusions		18° 2	13	-	2	-	5	2	4	-	18° 2	13	-	2	-	5	2	4	-		
2. Wounds { Gunshot Cut, Stab }		° 3	1	-	-	-	-	-	-	-	° 3	1	-	-	-	-	-	-	-		
3. Burns and Scalds		3° 2	3	1	1	-	-	-	-	-	3° 2	3	1	1	-	-	-	-	-		
4. Poison		1° 1	1	-	-	-	-	-	-	-	1° 1	1	-	-	-	-	-	-	-		
5. Drowning		10° 3	10	-	-	-	4	5	1	-	10° 3	10	-	-	-	4	5	1	-		
6. Suffocation		5° 6	9	5	2	-	1	1	-	-	5° 6	9	5	2	-	1	1	-	-		
7. Otherwise		3° 7	2	-	-	1	-	-	-	-	3° 7	2	-	-	1	-	-	-	-		
ORDER 3. (HOMICIDE.)																					
1. Murder & Manslaughter		1° 7	2	2	-	-	-	-	-	-	1° 7	2	2	-	-	-	-	-	-		
ORDER 4. SUICIDE.)																					
1. Wounds { Gunshot Cut, Stab }		° 1	-	-	-	-	-	-	-	-	° 1	-	-	-	-	-	-	-	-		
2. Poison		° 9	1	-	-	-	-	-	-	-	° 9	1	-	-	-	-	-	-	-		
3. Drowning		1° 1	-	-	-	-	-	-	-	-	1° 1	-	-	-	-	-	-	-	-		
4. Hanging		1° 2	-	-	-	-	-	-	-	-	1° 2	-	-	-	-	-	-	-	-		
5. Otherwise		° 6	-	-	-	-	-	-	-	-	° 6	-	-	-	-	-	-	-	-		
ORDER 5. (EXECUTION.)																					
1. Hanging		-	1	-	-	-	1	-	-	-	-	1	-	-	-	1	-	-	-		
Violent Deaths (not classed)		1° 1	-	-	-	-	-	-	-	-	1° 1	-	-	-	-	-	-	-	-		
Sudden Deaths (Cause unascertained)		° 2	-	-	-	-	-	-	-	-	° 2	-	-	-	-	-	-	-	-		
Causes not specified or ill-defined		6° 8	2	1	1	-	-	-	-	-	6° 8	2	1	1	-	-	-	-	-		

should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1877.

person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, TYPHUS, ENTERIC (OR TYPHOID) FEVER, SIMPLE CONTINUED FEVER, DIARRHŒA, and VIOLENCE, during the Week ending

REGISTRATION SUB-DISTRICTS.	Enume- rated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include												
				Deaths of		Deaths from										
				Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	
LONDON - - -	3,254,260	2611	1309	440	211	21	49	24	12	18	1	20	7	194	44	75
WEST DISTRICTS - - -	561,359	428	214	79	39	4	5	3	3	5	-	1	1	29	5	38
NORTH DISTRICTS - - -	751,729	625	292	99	65	7	9	7	2	2	1	6	-	39	11	17
CENTRAL DISTRICTS - - -	334,369	179	110	30	14	-	7	4	1	-	-	1	1	14	2	7
EAST DISTRICTS - - -	639,111	520	279	94	34	2	15	7	3	4	-	3	2	53	12	14
SOUTH DISTRICTS - - -	967,692	859	414	138	59	8	13	3	3	7	-	9	3	59	14	17
WEST DISTRICTS.																
St. Mary Paddington WH - - -	58728	39	22	7	2	-	-	-	2	3	-	-	-	4	-	-
St. John Paddington H - - -	38085	19	8	2	2	-	-	1	-	-	-	-	-	1	-	-
Kensington Town W - - -	91645	95	32	15	5	1	-	-	-	-	-	-	-	6	-	-
Brompton H - - -	28654	21	9	3	2	-	-	-	-	1	-	-	-	-	-	-
St. Peter Hammersmith - - -	6662	3	3	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith H - - -	36029	34	17	6	3	-	2	1	-	1	-	-	-	2	-	-
Fulham WwH - - -	23350	39	20	8	4	3	-	1	-	-	-	-	-	1	-	-
Chelsea South HHH - - -	26420	24	9	2	2	-	-	-	-	-	-	-	-	-	-	-
Chelsea North-west WHHHH - - -	22926	21	11	3	2	-	-	-	-	-	-	-	-	-	-	-
Chelsea North-east - - -	21392	18	10	6	2	-	-	-	-	-	-	-	-	-	-	-
Hanover Square H - - -	18698	7	6	2	1	-	-	-	-	-	-	1	-	1	-	-
May Fair WW - - -	13353	3	11	4	4	-	1	-	-	-	-	-	-	1	-	-
Belgrave HH - - -	57972	42	19	7	3	-	-	-	1	-	-	-	-	2	-	-
St. John Westminster HH - - -	38478	28	10	4	2	-	-	-	-	-	-	-	-	1	-	-
St. Margaret Westminster WH - - -	27781	17	10	3	4	-	1	-	-	-	-	-	-	1	-	-
Golden Square WH - - -	12860	11	4	2	1	-	-	-	-	-	-	-	-	2	-	-
Berwick-street H - - -	20759	5	9	4	-	-	-	-	-	-	-	-	-	2	-	-
St. Anne Soho HHHHH - - -	17562	2	4	-	-	-	1	-	-	-	-	-	-	1	-	-
NORTH DISTRICTS.																
All Souls Marylebone HHHH - - -	28579	16	10	6	2	-	1	-	-	-	-	-	-	3	-	-
Cavendish Square HH - - -	15425	3	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone WH - - -	26384	14	15	3	6	-	1	-	-	1	-	-	-	-	-	-
St. Mary Marylebone HHH - - -	21786	22	3	2	1	-	-	-	-	-	-	-	-	-	-	-
Christchurch Marylebone H - - -	33944	17	13	3	3	-	-	-	1	-	-	1	-	-	-	-
St. John Marylebone H - - -	33136	21	19	6	4	-	-	5	1	-	-	-	-	4	-	-
Hampstead WwHH - - -	32281	20	13	3	2	4	1	-	-	-	-	-	-	2	-	-
Regent's Park Paneras - - -	38200	22	9	6	1	-	2	-	-	-	-	-	-	1	-	-
Tottenham-court wHHH - - -	29370	23	14	4	3	-	-	-	-	-	-	1	-	3	-	-
Gray's Inn Lane HHH - - -	29221	27	11	1	5	-	1	-	-	-	-	-	-	-	-	-
Somers Town - - -	38533	36	21	9	5	-	-	-	-	-	-	2	-	1	-	-
Camden Town W - - -	17943	8	9	1	4	-	-	-	-	-	-	-	-	-	-	-
Kentish Town w - - -	68198	70	18	7	1	-	-	-	-	-	-	-	-	3	-	-
Islington West HHH - - -	97820	95	31	12	4	1	-	-	-	-	1	1	-	3	-	-
Islington East WwWH - - -	115953	118	47	17	10	-	2	1	-	-	-	-	-	7	-	-
Stoke Newington H - - -	9841	11	7	1	1	-	-	-	-	1	-	1	-	2	-	-
Stamford Hill - - -	6598	4	5	1	1	-	-	-	-	-	-	-	-	2	-	-
West Hackney - - -	28069	27	8	6	1	-	-	-	-	-	-	-	-	3	-	-
Hackney WwHL - - -	50104	49	27	5	9	2	-	1	-	-	-	-	-	-	-	-
South Hackney - - -	30339	22	10	6	1	-	1	-	-	-	-	-	-	2	-	-
CENTRAL DISTRICTS.																
St. George Bloomsbury - - -	17853	12	5	1	1	-	-	-	-	-	-	-	-	-	-	-
St. Giles South WH - - -	19109	14	8	2	2	-	-	1	-	-	-	-	-	1	-	-
St. Giles North - - -	16594	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Long Acre - - -	11379	9	3	2	-	-	-	-	-	-	-	-	-	1	-	-
Charing Cross HH - - -	9859	3	2	-	1	-	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand - - -	9378	2	9	3	1	-	-	-	1	-	-	1	-	1	-	-
St. Clement Danes H - - -	10723	5	5	2	-	-	-	-	-	-	-	-	-	-	-	-
St. George-the-Martyr HHHHH - - -	20521	13	7	1	-	-	1	1	-	-	-	-	-	-	-	-
St. Andrew Eastern W - - -	13529	5	7	1	2	-	-	-	-	-	-	-	-	1	-	-
Saffron Hill H - - -	9066	2	4	1	-	-	1	-	-	-	-	-	-	1	-	-
St. James Clerkenwell W - - -	18917	21	6	1	-	-	-	2	-	-	-	-	-	1	-	-
Amwell Clerkenwell - - -	16884	4	3	1	-	-	-	-	-	-	-	-	-	1	-	-
Pentonville - - -	13337	15	6	3	1	-	-	-	-	-	-	-	-	2	-	-
Goswell-street - - -	16242	8	4	1	3	-	-	-	-	-	-	-	-	-	-	-
Old-street H - - -	12161	8	1	1	-	-	-	-	-	-	-	-	-	1	-	-
City-road HHL - - -	18301	19	7	3	-	-	1	-	-	-	-	-	-	2	-	-
Whitecross-street - - -	13792	2	5	2	-	-	2	-	-	-	-	-	-	1	-	-
Finsbury - - -	10741	4	2	-	-	-	1	-	-	-	-	-	-	-	-	-
St. Botolph East London H - - -	14540	9	4	1	1	-	-	-	-	-	-	-	-	-	-	-
Cripplegate - - -	13638	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre H - - -	7562	1	8	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Bride W - - -	11185	6	5	1	2	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard - - -	4426	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - -	6270	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - -	4753	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - -	5764	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street H - - -	7845	1	3	-	-	-	1	-	-	-	-	-	-	1	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see at the foot of next page.

ERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT.
August 1877.

		The DEATHS registered in the Week include																
		Enu- merated Popu- lation, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions.
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhea.	Violence.		
POPULATION SUB-DISTRICTS.																		
SUB-DISTRICTS.																		
h	-	12430	8	3	-	1	-	-	-	-	-	-	-	-	-	-	-	
litch	HL†	16545	19	13	5	3	-	-	2	-	-	-	3	-	-	1	3	
to	-	27835	20	11	4	3	-	-	-	1	-	-	3	-	-	-	3	
-	-	26933	18	7	3	-	-	-	-	2	-	-	3	-	-	-	-	
-	-	43421	37	23	8	3	-	-	-	-	-	-	5	-	-	-	5	
-	-	29822	27	8	3	1	-	-	2	-	-	-	-	1	-	-	-	
een	WHL†	42433	37	22	5	3	-	-	1	-	-	-	2	2	-	-	6	
reen	-	26577	28	7	5	-	-	-	-	-	-	-	-	1	-	-	-	
reen	-	21272	14	10	5	1	-	-	1	-	-	-	-	2	-	-	-	
-	-	22499	14	7	1	-	-	-	2	-	-	-	-	-	-	-	-	
wn	W	15550	24	6	4	1	-	-	-	-	-	-	-	-	-	1	-	
-	-	11597	8	5	2	1	-	-	-	-	-	-	-	2	-	-	-	
ch	H	7322	1	17	1	1	-	-	-	-	-	-	1	1	3	3	14	
-	-	10381	4	3	2	-	-	-	-	-	-	-	-	-	-	1	-	
-	-	9224	2	2	-	-	-	-	-	-	-	-	1	-	-	-	-	
re East	-	17900	11	8	2	1	-	-	1	-	-	-	-	1	-	-	-	
East	-	21350	15	11	2	2	-	-	2	1	-	-	-	1	-	-	-	
re East	W	8802	7	6	-	2	-	-	-	-	-	-	-	2	1	3	2	
-	-	11640	8	7	-	1	-	-	1	-	-	-	-	1	-	-	1	
-	-	16131	3	9	2	1	-	-	2	-	-	-	-	3	2	2	-	
-	-	29919	21	16	7	2	-	-	-	-	1	-	-	5	-	-	-	
in Western	-	38128	27	12	6	-	-	-	1	-	-	2	-	-	-	1	-	
in Eastern	WwvH-	55024	58	17	6	3	2	-	-	-	-	-	-	2	2	1	3	
-	-	67765	74	33	15	3	-	-	-	2	-	-	-	11	1	2	8	
-	-	48611	40	16	6	1	-	-	-	1	-	-	-	3	3	3	2	
SUB-DISTRICTS.																		
ark	WH	14573	6	7	1	1	-	-	-	-	-	-	-	1	-	-	2	
ark	H	15677	11	3	1	-	-	-	-	-	-	-	-	1	-	-	-	
-	-	20421	12	7	4	1	-	-	-	-	-	-	-	-	-	-	-	
I	-	16695	9	4	3	-	-	-	-	-	-	-	-	1	1	2	-	
-	-	18961	20	9	2	1	-	-	-	-	-	-	-	2	-	-	-	
-	-	23682	22	9	4	1	-	-	-	-	-	-	-	1	1	-	-	
h	W	48248	79	17	7	2	-	-	1	-	-	-	-	2	-	-	2	
on	-	16792	17	5	2	1	-	-	1	-	-	-	-	-	-	-	-	
k	H	4373	-	13	-	2	-	-	-	-	-	-	-	1	2	3	11	
own	W	10500	8	2	1	-	-	-	-	-	-	-	-	1	-	-	1	
-	-	16787	17	5	1	-	-	-	1	-	-	-	-	2	-	-	-	
W	-	15709	23	8	4	2	-	-	-	-	1	-	-	2	1	-	1	
alsey	-	47933	51	27	8	-	-	-	1	1	-	-	-	4	-	1	-	
-	-	27096	18	8	3	2	-	-	-	-	-	-	-	1	1	1	1	
H	-	14074	10	2	-	-	-	-	-	-	-	-	1	-	-	-	-	
H	-	18465	19	7	2	1	-	-	1	-	-	-	-	2	-	-	-	
st	H	19492	15	18	3	1	-	-	1	-	-	-	-	-	1	1	13	
nd	WW	35833	29	18	8	3	-	-	2	-	-	-	-	2	-	-	8	
-	-	41286	28	14	4	5	-	-	1	-	-	-	-	-	-	-	-	
-	-	31221	27	6	2	-	1	-	-	-	-	-	-	-	-	-	-	
-	-	35435	28	20	8	2	3	1	-	-	-	-	-	-	-	-	6	
-	-	12536	15	4	1	1	-	-	-	-	-	-	-	-	-	-	-	
-	-	27347	16	7	2	1	1	-	-	-	1	-	-	1	-	-	-	
-	-	54016	66	25	9	3	-	1	-	-	1	-	-	4	1	1	3	
-	-	19783	19	17	3	9	-	-	-	-	1	-	-	2	2	3	6	
-	-	9439	7	1	-	-	-	-	-	-	-	-	-	-	-	1	-	
-	-	14475	7	3	2	-	-	-	-	-	-	-	1	-	-	-	-	
-	-	4041	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
L†	-	31254	36	18	6	3	-	-	-	-	-	-	-	2	-	-	7	
-	-	42160	45	18	7	1	1	-	-	-	-	-	-	2	-	-	-	
well-	-	33851	29	20	6	-	-	-	1	-	-	2	-	1	1	1	-	
o	-	53714	37	22	9	4	2	1	-	-	-	-	-	4	-	-	1	
ord	-	6474	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	21034	22	3	-	1	-	-	-	-	-	-	-	-	-	-	-	
WH	-	19378	12	13	1	3	-	-	-	-	1	-	-	-	-	-	7	
-	-	4539	4	2	-	-	-	-	-	1	-	-	-	-	-	-	-	
-	-	16440	9	5	3	1	-	-	-	-	-	-	-	2	-	-	-	
WH	-	11513	13	4	1	-	-	-	-	-	-	-	-	2	-	-	-	
-	-	19065	20	6	3	1	-	-	-	-	-	-	-	3	-	-	1	
-	-	9564	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	17226	8	8	6	1	-	-	-	-	-	-	-	4	-	-	-	
WHH	-	18331	11	9	6	1	-	-	-	-	-	-	-	5	-	-	1	
-	-	13027	8	4	1	1	-	-	-	-	-	-	-	1	1	1	-	
W	-	15232	10	13	4	3	-	-	-	-	-	-	-	1	1	1	5	

WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the

Sick Asylum in Tottenham-court sub-district.

Kentish Town sub-district.

orkhouse in Islington East sub-district.

ry

orkhouse " Hackney sub-district.

" " Hoxton New Town sub-district.

" " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and
Bow sub-district.
Stepney Bow sub-district.

Poplar & Stepney Sick Asylum

Westminster Union Industrial School in Battersea sub-district.

Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-
ney, Brixton, and St. Paul Deptford sub-districts.

istricts of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston sub-

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 18th August 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enume- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include											
						Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	
	LONDON—OUTER RING	368,414	631,381	513	229	74	51	2	2	2	-	1	2	33	9	10	
29: 1	Carshalton <i>W</i> - - -	12228	13523	13	3	-	1	-	-	-	-	-	-	-	1	1	
2	Epsom (<i>part of</i>) * <i>WH</i> -	9971	9145	7	3	1	1	-	-	-	-	-	-	1	-	-	
36: 1	Godstone (<i>part of</i>) * - -	2754	900	1	-	-	-	-	-	-	-	-	-	-	-	-	
37: 1	Croydon <i>WWH</i> - - -	20851	71319	65	23	8	4	-	-	-	-	-	1	4	-	-	
2	Mitcham <i>WH</i> - - -	11697	12534	4	2	-	-	-	-	-	-	-	-	-	-	-	
38: 1	Wimbledon <i>HH</i> - - -	3220	9087	4	1	1	-	-	-	-	-	-	-	-	-	-	
2	Kingston <i>WH</i> - - -	8549	27489	16	6	1	2	-	-	-	-	-	-	-	-	-	
3	Esher (<i>part of</i>) * - - -	6601	7353	5	2	-	1	-	-	-	-	-	-	-	-	-	
4	Hampton - - -	4573	10185	5	3	-	3	-	-	-	-	-	-	-	-	-	
39: 1	Richmond <i>WH</i> - - -	2271	16829	5	8	2	1	-	-	-	-	-	-	2	2	2	
2	Mortlake - - -	2961	9316	10	7	2	1	-	-	-	-	-	-	-	2	-	
40: 1	Bromley (<i>part of</i>) * <i>HH</i> -	15669	19509	33	7	3	3	-	-	1	-	-	-	2	-	-	
2	Chislehurst (<i>part of</i>) * <i>W</i> -	13665	10023	8	2	1	1	-	-	-	-	-	-	-	-	-	
41: 1	Bexley <i>H</i> - - -	13439	19566	12	4	2	1	-	-	-	-	-	-	1	-	-	
123: 1	Sunbury <i>W</i> - - -	11055	9860	7	2	1	-	-	-	-	-	-	-	-	-	-	
2	Staines <i>W</i> - - -	13277	10339	14	2	-	1	-	-	-	-	-	-	-	1	1	
124: 1	Hillingdon <i>WH</i> - - -	6029	9712	10	7	1	1	-	-	-	-	-	-	-	1	1	
2	Uxbridge - - -	6178	5329	1	1	1	-	-	-	-	-	-	-	-	-	-	
3	Hayes <i>WL</i> - - -	14587	10497	7	12	-	5	-	-	-	-	-	-	-	-	1	
125: 1	Isleworth <i>W</i> - - -	7008	19930	8	9	3	2	-	-	-	-	-	1	1	-	-	
2	Twickenham - - -	2477	10533	9	6	3	-	-	-	-	-	-	-	-	-	-	
3	Brentford <i>HL</i> - - -	4370	20279	11	7	2	1	-	-	-	-	-	-	-	1	1	
4	Chiswick - - -	1311	8508	4	2	2	-	-	-	-	-	-	-	1	-	-	
5	Acton <i>WH</i> - - -	6087	12683	9	3	1	1	-	-	-	-	1	-	-	-	-	
126: 1	Harrow <i>H</i> - - -	13809	10869	8	2	-	-	-	-	-	-	-	-	1	-	-	
2	Edgware - - -	6994	3450	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Willesden - - -	4383	15869	21	2	1	-	-	-	-	-	-	-	1	-	-	
4	Hendon <i>WH</i> - - -	8382	6972	5	3	2	1	-	-	-	-	-	-	-	-	-	
127: 1	South Mimms - - -	15419	5924	4	2	-	2	-	-	-	-	-	-	-	-	-	
2	Barnet <i>W</i> - - -	5423	7752	3	2	-	2	-	-	-	-	-	-	-	-	-	
3	Finchley <i>L</i> - - -	4688	11493	13	3	1	1	-	-	-	-	-	-	-	-	-	
128: 1	Hornsey <i>H</i> - - -	3039	19357	27	5	2	-	-	1	-	-	-	-	-	-	-	
2	Tottenham <i>H</i> - - -	4642	22869	23	14	4	4	-	-	1	-	-	-	2	-	-	
3	Edmonton <i>WW</i> - - -	7483	13860	4	11	2	3	-	-	-	-	-	-	2	-	-	
4	Enfield <i>WH</i> - - -	12653	16054	6	9	1	-	-	-	-	-	-	-	1	-	-	
5	Waltham Abbey - - -	11017	5197	3	1	-	1	-	-	-	-	-	-	-	-	-	
6	Cheshunt - - -	8493	7518	4	3	1	-	-	-	-	-	-	-	-	-	-	
134: 1	Hatfield (<i>part of</i>) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	
136: 1	Bushey - - -	9023	6472	7	-	-	-	-	-	-	-	-	-	-	-	-	
185: 1	Stratford - - -	882	23286	20	9	4	-	-	1	-	-	-	-	3	-	-	
2	West Ham <i>WWWW</i> - - -	7345	44642	40	27	17	1	2	-	-	-	-	-	9	-	-	
3	Leyton <i>WW</i> - - -	4274	15513	14	5	2	2	-	-	-	-	-	-	-	-	-	
4	Walthamstow <i>H</i> - - -	6619	15701	20	5	1	2	-	-	-	-	-	-	1	-	-	
186: 1	Chigwell (<i>part of</i>) * <i>H</i> -	10483	8169	8	3	1	2	-	-	-	-	-	-	1	1	1	
188: 1	Romford (<i>part of</i>) * - -	6730	2879	2	1	-	-	-	-	-	-	-	-	-	-	-	
2	Ilford - - -	8492	5947	3	-	-	-	-	-	-	-	-	-	-	-	-	
3	Barking Town - - -	4128	6576	10	-	-	-	-	-	-	-	-	-	-	-	-	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chislefield (pop. 134: 1, only the parish of Northaw in Hatfield sub-district; 186: 1, the whole of the Chigwell sub-district, except the parish of Throghmorton (pop. 798); 188: 1, only the parish of Dagenham in Romford sub-district.

—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and
Rate of MORTALITY during the Week ending Saturday, 18th August 1877.

R T.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from								Deaths in Public Institutions,
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	
ONDON	446,494	4,367,547	18·4	4·6	1538	514	262	23	51	26	12	19	30	227	53	247
ONDON -	78,080	3,533,484	19·3	5·1	1309	440	211	21	49	24	12	18	28	194	44	221
NG -	368,414	834,063	14·3	2·6	229	74	51	2	2	2	-	1	2	33	9	26

area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 14.4 miles, which is equivalent to the area of a circle having a radius of 14.902 miles. The Outer Ring has an area of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 1,189 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles, and a circle of 6.23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES.

OWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH- RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
TTA - -	429,535	July 7	-	144	17·4	Fevers 34; cholera 3.
AY - -	644,405	" 10	-	605	48·8	Cholera 127; small-pox 9.
AS - -	397,552	June 29	280	862	112·7	Cholera 57; small-pox 90.
- - -	1,988,806	August 16	-	788	20·6	Typhoid fever 18; diphtheria 23.
VA* - -	67,829	" 11	36	28	21·5	Whooping-cough 2.
BELS - -	188,609	" 11	97	73	21·9	Whooping-cough 3.
ERDAM - -	289,981	" 11	199	148	26·0	—
ERDAM - -	136,231	" 11	118	60	22·8	—
HAGUE - -	104,095	" 11	66	50	24·9	—
NHAGEN - -	215,000	" 14	126	75	18·2	Whooping-cough 4.
KHOLM - -	146,845	" 4	-	63	22·2	Typhoid fever 2; whooping-cough 3.
MTIANIA - -	79,000	" 11	64	32	21·1	—
TERSBURGH	669,741	July 7	-	450	34·9	Scar. fev. 7; typhd. fev. 14.
		" 14	-	463	35·9	Small-pox 4; scar. fev. 12.
IN - -	997,269	" 28	749	894	46·5	Diarrhœal diseases 355; scarlet fever 15.
BURG(State)	393,588	" 28	272	214	28·4	Measles 5.
DEN - -	202,295	August 4	145	89	22·6	Croup 3.
LAU - -	246,813	" 11	212	167	33·8	Whooping-cough 7.
CH - -	209,000	" 11	189	137	33·0	Diarrhœal diseases 38.
NA - -	714,548	" 11	477	307	22·3	Small-pox 7; diphtheria 13.
-PESTH - -	315,401	" 4	245	243	40·0	Typhus 5; diarrhœa 64.
- - -	278,099	July 28	154	141	26·3	Small-pox 2.
ES - -	454,948	" 29	-	242	27·7	Diphtheria 4; typhus 4.
N - -	223,488	August 4	145	108	24·9	Typhoid fever and typhus 7.
CE - -	139,796	" 4	68	65	24·2	Diphtheria and croup 2.
ANDRIA - -	212,034	" 4	138	218	53·6	Whooping-cough 12.
YORK - -	1,077,228	July 21	-	754	36·4	Scarlet fev. 15; diph. 11; diarrhœal diseases 331.
KLYN - -	527,830	" 21	-	300	29·5	Scarlet fev. 11; diph. 12; diarrhœal diseases 122.
ADELPHIA - -	850,856	" 28	-	408	25·0	Typhoid fever 21; scarlet fever 12.
ON - -	363,000	" 21	-	214	30·6	Diarrhœal diseases 98; whooping-cough 5.

* With suburbs, including Genf, Plain-palais, and Eaux-Vives.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 18th August, 1877.
[Under the Superintendence of the Astronomer Royal.]

MOON.		READINGS OF THERMOMETERS.										DIFFERENCE			WIND.				RAIN.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Phases of Moon.	BARO-METER.	Dry				Dew Point.		Highest in the sun, as shown by a self-registering thermometer with bulb in vacuo, placed on the Grass.		Lowest on the Grass, as shown by a self-registering Minimum thermometer.		In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between Dew Point Temperature and Air Temperature.		Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*		Degrees of Humidity, complete at Saturation being re-puted by 100.	As deduced from Anemometers.		Collected in a Gauge whose receiving surface is 5 in. above the ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
		High-est.	Low-est.	Range in day.	Mean daily value.	Mean daily value.	Mean	Least.	Mean	Least.	Mean	Least.	General Direction.	P.M.	A.M.	Pressure on square foot.	Amount of Horizontal Movement of Air of each day.		Robinson's.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
AUGUST.		in.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873. *In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "*Royalist*," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B. Chief Commissioner of Metropolitan Police.

The numbers in column 20, derived from Campbell's Registering Sun Dial, show the aggregate readings of the sun dial on each day.

SKY AND ATMOSPHERE.

SUNDAY	12		3.9	14.7	Fine; partially cloudy.
MONDAY	13	The insulating lamp was out.	1.7	14.7	Generally cloudy.
TUESDAY	14		10.1	14.6	A fine day; the amount of cloud was generally small. Lightning at night.
WEDNESDAY	15		5.9	14.6	Rain fell in the early morning hours; fine and partially cloudy till evening; cloudless at night. Lightning at night.
THURSDAY	16		6.2	14.5	Fine; partially cloudy.
FRIDAY	17	Apparatus under examination.	7.9	14.4	Fine; partially cloudy; cloudless at night.
SATURDAY	18		3.4	14.4	Fine; cloudy.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS
OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, AUG. 25. [Price 1½d.

*General Register Office, Somerset House,
27th August, 1877.*

UNITED KINGDOM.

During last week 5389 *births* and 3233 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2156. The mortality from all causes was at the average rate of 21 deaths annually in every 1000 persons living. The annual death-rate was 25 per 1000 in Edinburgh, 20 in Glasgow, and 22 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Sheffield 17, Bradford 18, Plymouth 18, London 19, Sunderland 19, Bristol 19, Newcastle-upon-Tyne 19, Wolverhampton 19, Leeds 21, Birmingham 23, Manchester 24, Norwich 25, Salford 26, Brighton 26, Portsmouth 26, Hull 26, Nottingham 27, Oldham 27, Liverpool 28, against the highest rate 31 in Leicester. The annual death-rate from the seven principal zymotic diseases averaged 5·1 per 1000 in the twenty towns, and ranged from 2·9 and 3·3 in Plymouth and Newcastle-upon-Tyne, to 9·2 and 14·2 in Wolverhampton and Leicester. Diarrhœa continues to show exceptional fatality in Leicester, and the high zymotic rate in Wolverhampton was due to scarlet fever. In the twenty towns only 12 deaths were referred to small-pox, of which 11 occurred in London and one in Salford.

LONDON.

IN LONDON 2323 BIRTHS and 1261 DEATHS were registered. Allowing for the increase of population, the births were 16, and the deaths so many as 245 below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two preceding weeks had been equal to 20·2 and 19·3 per 1000, declined last week to 18·6. During the past eight weeks of the current quarter the death-rate has averaged 20·2 per 1000, against 21·8 in 1875 and 23·9 in the corresponding periods of 1875 and 1876.

The 1261 deaths included 11 from small-pox, 29 from measles, 24 from scarlet fever, 12 from diphtheria, 17 from whooping-cough, 19 from different forms of fever, and 158 from diarrhœa; thus to the seven principal diseases of the zymotic class 260 deaths were referred, against 300 and 346 in the two preceding weeks. The 260 deaths were 173 below the corrected average number from the same causes in the corresponding week of the last ten years, and were equal to an average rate of 3·8 per 1000. The 29 deaths from measles showed a marked decline from the numbers in recent weeks, but included 4 in Marylebone, 3 in Bermondsey, 3 in Shoreditch, and 3 in Lambeth. The 24 fatal cases of scarlet fever corresponded with the number in the previous week; 4 occurred in Hampstead (including 3 in one family), 3 in Islington, and 5 in Lambeth. The 17 deaths from whooping-cough showed a further decline from those returned in recent weeks, but included 4 in Southwark. The 19 deaths referred to fever were 15 below the corrected average weekly number, and 9 fewer than those in the previous week; 10 as certified as typhus, 14 as enteric or typhoid, and 4 as simple continued fever. The fatal case of typhus was recorded in the Stockwell Fever Hospital, to which it had been admitted from Bethnal Green. Two deaths from enteric or typhoid fever were registered at Stamford Hill, and 2 in the sub-district of St. George-in-the-Ring, Holborn.

The deaths from small-pox, which had been 20 and 21 in the two previous weeks, declined to 11 last week, a lower number than in any week since the beginning of October last; of these, 8 occurred in the Metropolitan Asylum Hospitals, one in the Highgate Small-pox Hospital, and the remaining 2 in private dwellings. After distributing the 9 fatal hospital cases, it appears that 3 of the

deceased small-pox patients had resided in Lambeth, and 2 in the Union of Holborn. Of the 11 fatal cases of small-pox, 8 were certified to be unvaccinated, one vaccinated, and 2 were "not stated" as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which in the thirteen preceding weeks had steadily declined from 964 to 321, further decreased to 279 on Saturday last; the admissions last week were 42, against 60 and 34 in the two previous weeks. The Highgate Small-pox Hospital contained 31 patients on Saturday last, against 43 on the previous Saturday.

The deaths referred to diarrhoea, which had been 166 and 194 in the two previous weeks, declined to 158 last week, and were 99 below the corrected average weekly number. The annual death-rate from diarrhoea averaged 2·3 per 1000 in the whole of London, and did not vary considerably in the five groups of registration districts. The death-rate from diarrhoea averaged 4·4 per 1000 in the nineteen provincial towns, in which it ranged from 1·3 and 2·1 in Bristol and Wolverhampton, to 8·2 and 12·9 per 1000 in Hull and Leicester. The deaths of 5 infants, of one child aged 4 years, and of one adult, were referred in London last week to simple cholera or choleraic diarrhoea.

Different forms of violence caused 58 deaths; 53 were the result of negligence or accident, including 19 from fractures and contusions, 2 from burns and scalds, 16 from drowning, 2 from poison, and 6 of infants under one year of age from suffocation. The 19 deaths from fractures and contusions were thus caused: male 40, run over (nature of vehicle not stated); female 58, run over by a van; male 29, thrown from a van; male 39, fell off a cab; male 56, and female 83, fell in walking; female 7, fell whilst playing; male 34, run over on railway; female 83, fell down stairs; male 13, fell down ship's hold; female 25, fell from a stable loft; male 40, fell from brickwork; male 11 months, fell from nurse's arms; male 17, crushed by fall of heavy substance; male 25, skull fractured by piece of iron; male 4, concussion of brain from blow or fall; female 37, fractured skull; male 46, injury to brain by blows; male 67, internal injury from fall. An inquest was held in each of these 19 cases except the last, which was certified by a medical practitioner.

The deaths of 3 children were referred to sunstroke, two of whom were of one family in Leg Court, Westminster. The death of an errand boy, aged 13 years, resulted from hydrophobia in the London Hospital.

GREATER LONDON.

In Greater London 2847 births and 1504 deaths were registered, equal to annual rates of 34·0 and 18·0 per 1000 of the population. Four deaths from small-pox were registered in the Outer Ring, of which 2 occurred in West Ham, one in Croydon, and one in Willesden. Three deaths were referred to diarrhoea in Bromley (Kent).

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 22, Bombay 49; Madras 123; Paris 25; Geneva 27; Brussels 18; Amsterdam 20, Rotterdam 16, The Hague 20; Copenhagen 22; Stockholm 28; Christiania 18; St. Petersburg 32; Berlin 38, Hamburg 29, Dresden 23, Breslau 35, Munich 34; Vienna 22; Buda-Pesth 44, Rome 22, Naples 25, Turin 22, Venice 24; Alexandria 45; New York 35, Brooklyn 35, Philadelphia 25, and Boston 34.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·65 in.; the highest reading was 30·03 in. on Friday morning, and the lowest 29·35 in. at the end of the week. The mean temperature of the *air* was 62°·0, and 1°·3 above the average in the corresponding week of the 60 years 1814-73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed a considerable excess on Sunday, Monday, and Tuesday, whereas it was below the average on the last four days of the week; on Monday the mean was 70°·9, and in excess by 10°·1, whereas on Friday it fell to 55°·6, and was 5°·0 below the average. The lowest night temperature was 40°·5 on Friday, and the highest day temperature in the shade 83°·3 on Monday; the extreme range in the week was, therefore, 42°·8. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in *vacuo* placed on the grass, was 137°·3 on Monday. The difference between the mean *dew-point* and *air* temperature averaged 10°·0. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 66°·7. The mean degree of *humidity* of the air was 70, complete saturation being represented by 100; the air was therefore dry. The general direction of the *wind* was South-west, and the horizontal movement of the air averaged 12·7 miles per hour, which was 3·8 above the average in the corresponding week of 16 years. *Rain* fell on four days of the week, to the aggregate amount of 1·67 inches. The duration of registered sunshine in the week was 41·5 hours, the sun being above the horizon during 98·9 hours.

BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 25th August 1877.

	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 25th August 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.		In Inches.	In Centimetres.
the } DOM }	212,881	8,144,940	38·3	5389	3233	83·3	37·7	57·7	14·28	2·08	5·28
-	75,362	3,533,484	46·9	2323	1261	83·3	40·5	62·0	16·67	1·67	4·24
-	2,354	102,264	43·4	53	50	74·3	45·3	60·7	15·95	-	-
-	4,486	127,144	28·3	89	63	73·4	50·0	61·3	16·28	0·33	0·84
-	7,472	84,023	11·2	52	40	-	-	-	-	-	-
-	1,395	72,911	52·3	35	25	71·5	41·0	59·8	15·45	0·96	2·44
-	4,452	202,950	45·6	120	74	81·2	37·7	59·7	15·39	1·19	3·02
ON -	3,396	73,389	21·6	52	27	76·0	42·0	57·9	14·39	1·27	3·23
-	8,400	377,436	44·9	307	169	-	-	-	-	-	-
-	3,200	117,461	36·7	95	69	-	-	-	-	-	-
-	1,996	95,025	47·6	70	49	80·9	38·8	60·2	15·67	1·29	3·28
-	5,210	527,083	101·2	335	281	68·9	49·6	56·8	13·78	3·32	8·43
-	4,293	359,213	83·7	236	165	-	-	-	-	-	-
-	5,170	141,184	27·3	110	68	70·6	40·1	56·0	13·33	2·45	6·22
-	4,666	89,796	19·2	74	47	-	-	-	-	-	-
-	7,220	179,315	24·8	115	60	70·0	45·8	57·3	14·06	1·65	4·19
-	21,572	298,189	13·8	203	119	70·0	44·0	57·5	14·17	1·63	4·14
-	19,651	282,130	14·4	177	94	72·0	42·0	58·4	14·66	2·75	6·98
-	3,635	140,002	38·5	112	70	71·0	42·0	57·2	14·00	2·51	6·38
-	3,306	110,882	33·4	61	40	67·0	45·0	55·0	12·78	3·02	7·67
TYNE	5,371	142,231	26·5	101	52	-	-	-	-	-	-
-	4,191	218,729	52·2	131	64	63·0	40·5	51·8	11·01	5·46	13·87
-	6,033	555,933	92·1	374	212	62·7	44·0	52·8	11·56	2·80	7·11
-	10,050	314,666	31·3	164	134	77·7	38·7	57·1	13·95	1·00	2·54

If the Meteorological Observers in the several towns, see note at foot of Table 4.
For the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The Dublin is taken as stationary at the number enumerated in April 1871.

DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population 55,612 persons, and in DUBLIN, during the Week ending Saturday the 25th August 1877.

No.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.	
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.			
3	-	20·9	5·1	2823	995	451	12	44	60	5	69	48	452	102	157	393
-	-	18·6	3·8	1261	432	204	11	29	24	2	17	19	158	58	89	218
-	-	25·5	6·6	50	17	13	-	-	1	-	1	-	11	1	1	5
-	-	25·9	9·0	63	27	14	-	-	1	-	-	2	19	1	4	5
-	-	24·8	5·6	40	12	10	-	-	1	-	-	1	7	1	1	3
-	-	17·9	2·9	25	5	5	-	-	-	1	-	-	3	1	2	2
-	-	19·0	3·9	74	26	19	-	3	-	-	4	3	5	-	-	10
ON	-	19·2	9·2	27	7	4	-	1	9	-	-	-	3	1	1	5
-	-	23·4	6·2	169	64	27	-	1	5	-	5	2	32	4	11	24
-	-	30·7	14·2	69	34	8	-	1	-	-	1	1	29	3	5	4
-	-	26·9	7·1	49	18	15	-	1	-	-	2	-	10	2	3	6
-	-	27·8	7·8	281	111	27	-	-	2	-	18	5	54	9	9	34
-	-	24·0	5·8	165	53	17	-	4	8	-	3	-	25	8	15	19
-	-	25·1	7·4	68	23	12	1	1	2	-	-	-	16	2	2	3
-	-	27·3	6·4	47	9	8	-	1	-	-	4	-	6	-	-	7
-	-	17·5	3·8	60	20	11	-	-	2	-	2	1	8	1	1	2
-	-	20·8	5·3	119	39	18	-	1	2	-	6	4	17	1	4	15
-	-	17·3	5·2	94	32	11	-	1	2	2	3	5	15	1	1	7
-	-	26·1	8·2	70	37	12	-	-	-	-	-	-	22	3	3	8
-	-	18·9	5·7	40	11	8	-	-	1	-	3	2	6	1	1	7
TYNE	-	19·1	3·3	52	18	8	-	-	-	-	-	3	6	4	4	9
-	-	22·2	3·7	134	32	33	-	9	1	1	3	1	7	4	2	34

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the THIRTY-FOURTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2255	2067	2047	2006	2103	2089	2189	2183	2302	2616	2185·7	2323
Males . .	1154	1047	1032	1027	1071	1052	1136	1137	1180	1366	1120·2	1190
Females .	1101	1020	1015	979	1032	1037	1053	1046	1122	1250	1065·5	1133
TOTAL Deaths	1274	1428	1463	1393	1682	1274	1546	1234	1440	1370	1407·7	1261
Males . .	666	724	756	726	863	654	820	644	738	714	730·5	662
Females .	581	704	707	667	819	620	726	590	702	656	677·2	599

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867–76 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	June 2.	June 9.	June 16.	June 23.	June 30.	July 7.	July 14.	July 21.	July 28.	Aug. 4.	Aug. 11.	Aug. 18.	Aug. 25.
TOTAL Deaths - - -	1443	1429	1315	1271	1300	1322	1449	1438	1430	1439	1293	1309	1261
0—20 - - -	688	692	663	632	609	691	795	788	789	778	725	739	694
20—40 - - -	233	226	180	188	205	189	182	174	190	189	161	152	177
40—60 - - -	241	239	218	217	249	206	217	225	206	224	192	207	186
60—80 - - -	234	224	207	199	196	194	223	202	206	222	176	191	175
at 80 years & upwds.	47	48	47	35	41	42	32	49	39	26	39	20	22
Deaths of { Under 1 year -	304	282	287	306	275	378	447	498	464	461	439	440	482
children { 1—5 - - -	268	286	260	222	224	207	227	192	199	239	209	211	166
{ 5—20 - - -	116	124	116	104	110	106	121	98	126	78	77	88	96
Deaths from 7 principal Zy- } motic Diseases }	236	220	218	210	223	244	324	332	338	315	300	346	260
" " Smallpox - - -	61	58	55	44	44	23	32	35	27	22	20	21	11
" " Measles - - -	69	65	61	42	45	44	28	42	51	51	43	49	29
" " Scarlet Fever - -	28	19	14	14	24	18	21	19	25	15	21	24	24
" " Diphtheria - - -	8	6	7	7	6	9	7	6	4	8	6	12	2
" " Whooping-cough	41	40	38	35	28	35	46	36	23	21	29	18	17
" " Typhus fever - - -	3	1	4	5	6	6	1	2	2	2	2	1	1
" " Enteric (or Ty- } phoid) fever - }	11	11	9	12	15	10	14	15	15	13	10	20	14
" " Simple Cont ^d fever	2	4	3	5	5	3	6	4	7	7	3	7	4
" " Diarrhœa - - -	13	16	27	46	50	96	169	173	184	176	166	194	158
" " Simple Cholera - -	-	-	-	2	2	6	14	9	9	8	5	3	7
" " Dis. of Respira- } tory Organs - }	259	251	199	166	162	144	159	181	169	144	117	125	124
" " Phthisis - - -	174	174	163	161	198	176	159	149	153	166	129	141	151
" " Heart Diseases - -	91	77	67	67	77	62	76	76	84	81	66	66	61
Violent Deaths - - -	58	59	76	62	52	56	60	42	44	49	38	44	58
Inquest Cases - - -	92	101	116	94	86	86	96	75	89	99	66	75	89
Deaths in Public Institutions	300	293	275	272	281	255	271	265	245	239	220	221	218
TEMPERATURE OF THE AIR:													
Mean - - -	53·7	60·4	62·2	63·3	61·6	58·2	61·1	59·1	60·8	63·3	62·5	63·7	62·0
Mean of Highest readings -	63·6	74·4	75·1	77·6	76·8	71·6	73·9	69·0	71·3	76·5	73·5	76·3	73·0
Mean of Lowest readings -	46·7	48·7	51·7	51·5	50·0	48·9	50·7	53·0	53·4	53·8	54·6	55·0	53·6
Mean Temperature of the } Water of the Thames - }	55·4	58·8	64·3	67·3	65·6	65·8	64·6	64·3	64·2	66·2	65·8	66·3	66·7
Humidity of the Air - - -	73	68	72	63	61	71	71	76	80	69	72	74	70
Rain-fall in inches - - -	0·28	0·07	0·41	0·01	0·01	0·63	0·37	0·84	0·60	0·09	0·71	0·01	1·67
Registered Sunshine (in hours)	44·0	70·3	68·9	67·0	58·4	46·0	40·5	37·8	21·7	46·6	34·6	39·1	41·5

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-FOURTH Week of the Year 1877.

TH.	Average in the Thirty-fourth Weeks of the 10 years 1867-76.	In the Week ending Saturday, August 25, 1877.										CAUSES OF DEATH.	Average in the Thirty-fourth Weeks of the 10 years 1867-76.	In the Week ending Saturday, August 25, 1877.									
		Deaths of Persons of the Ages												Deaths of Persons of the Ages									
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.						
			Mean Tem.	0-1.	1-5.						5-20.							Mean Tem.	0-1.	1-5.	5-20.		
e -	61.9	62.0																					
-	1407.7	1261	432	166	96	177	186	175	29	Mean Temperature	61.9	62.0											
SES	1401.5	1256	429	166	96	177	185	174	29	9. Stricture of Intestines	1.0	1	-	-	-	-	1	-	-	-			
SES.										10. Fistula	.6	-	-	-	-	-	-	-	-	-			
-	14.8	11	-	1	5	5	-	-	-	11. Stomach Disease, &c.	7.2	9	5	1	-	1	1	1	-	-			
-	20.8	29	8	21	-	-	-	-	-	12. Pancreas Disease, &c.	-	-	-	-	-	-	-	-	-	-			
-	56.9	24	1	10	13	-	-	-	-	13. Hepatitis	4.2	1	-	-	-	-	-	1	-	-			
-	6.8	2	-	2	-	-	-	-	-	14. Jaundice	6.2	4	2	-	-	-	-	2	-	-			
-	1.0	1	-	1	-	-	-	-	-	15. Liver Disease, &c.	19.5	32	2	-	-	7	8	15	-	-			
-	9.5	6	4	2	-	-	-	-	-	16. Spleen Disease, &c.	.2	1	-	1	-	-	-	-	-	-			
-	33.8	17	7	9	1	-	-	-	-	ORDER 5.													
l Fev.	32.0	14	-	-	7	5	1	1	1	1. Nephritis	1.0	1	-	-	-	-	-	1	-	-			
Fev.		4	-	1	-	1	1	1	1	2. Ischuria	.3	-	-	-	-	-	-	-	-	-			
etria)	5.7	4	1	-	1	1	1	-	-	3. Bright's Dis. (Nephria)	9.4	10	-	-	1	3	6	-	-	-			
-	3.1	4	-	-	-	4	-	-	-	4. Diabetes	2.1	1	-	-	-	-	1	-	-	-			
-	1.0	-	-	-	-	-	-	-	-	5. Calculus (Stone)	.7	-	-	-	-	-	-	-	-	-			
-	.1	2	-	-	-	2	-	-	-	6. Cystitis	1.5	-	-	-	-	-	-	-	-	-			
-	239.8	158	112	30	2	2	2	8	2	7. Kidney Disease, &c.	6.7	6	-	-	-	2	1	2	1	-			
-	13.2	7	5	1	-	-	-	-	-	ORDER 6.													
-	.1	-	-	-	-	-	-	-	-	1. Ovarian Dropsy	.3	1	-	-	-	-	1	-	-	-			
-	.2	-	-	-	-	-	-	-	-	2. Uterus Disease, &c.	4.5	1	-	-	-	-	1	-	-	-			
ases	7.8	5	-	-	-	4	-	1	-	ORDER 7.													
-	.3	-	-	-	-	-	-	-	-	1. Synovitis (Arthritis)	.5	-	-	-	-	-	-	-	-	-			
-										2. Joint Disease, &c.	4.8	6	-	-	3	-	2	-	1	-			
-										ORDER 8.													
-										1. Phlegmon	2.3	3	2	-	-	1	-	-	-	-			
-										2. Ulcer	1.2	3	1	-	-	-	2	-	-	-			
ases										3. Skin Disease, &c.	.8	2	2	-	-	-	-	-	-	-			
-										IV. DEVELOPMENTAL DISEASES:													
-										ORDER 1.													
-										1. Premature Birth	22.7	33	33	-	-	-	-	-	-	-			
ilk -	14.6	13	13	-	-	-	1	-	-	2. Cyanosis	2.0	4	3	-	-	1	-	-	-	-			
vy -	2.3	6	1	3	2	-	-	-	-	3. Spina Bifida	1.0	1	1	-	-	-	-	-	-	-			
mens	1.0	3	-	-	-	2	1	-	-	4. Other Malformations	1.8	3	3	-	-	-	-	-	-	-			
rance	1.2	2	-	-	-	1	1	-	-	5. Teething	11.8	11	5	6	-	-	-	-	-	-			
-										ORDER 2.													
-	5.5	6	6	-	-	-	-	-	-	1. Paramenia	.2	-	-	-	-	-	-	-	-	-			
-	.4	-	-	-	-	-	-	-	-	2. Childbirth (see Puer- peral Fever)	5.8	6	-	-	-	5	1	-	-	-			
NAL.										ORDER 3.													
-	2.4	4	-	-	-	1	1	2	-	1. Old Age	38.2	33	-	-	-	-	-	19	14	-			
-	11.4	5	1	-	-	4	2	1	-	ORDER 4.													
-	35.4	29	-	-	1	4	14	9	1	1. Atrophy and Debility	85.1	84	71	7	-	-	1	5	-	-			
oma)	.5	1	-	1	-	-	-	-	-	V. VIOLENT DEATHS, &c.													
-	2.6	2	-	-	-	-	-	1	1	ORDER 1.													
-										(ACCIDENT OR NEGLIGENCE.)													
-	11.9	11	5	-	3	2	-	1	-	1. Fractures & Contusions	18.3	19	1	1	3	6	5	1	2	-			
-	36.3	41	29	10	-	1	-	1	-	2. Wounds { Gunshot - Cut, Stab }	.6	-	-	-	-	-	-	-	-	-			
SES.	146.1	151	6	3	17	67	47	11	-	3. Burns and Scalds	1.7	2	-	1	-	1	-	-	-	-			
-	25.0	24	6	11	7	-	-	-	-	4. Poison	.5	2	-	-	-	-	2	-	-	-			
-										5. Drowning	11.8	16	1	-	9	5	1	-	-	-			
-										6. Suffocation	6.6	7	6	-	-	1	-	-	-	-			
-										7. Otherwise	3.3	7	4	2	1	-	-	-	-	-			
-										ORDER 3.													
-										(HOMICIDE.)													
-										1. Murder & Manslaughter	1.4	-	-	-	-	-	-	-	-	-			
-										ORDER 4.													
-										(SUICIDE.)													
-										1. Wounds { Gunshot - Cut, Stab }	.1	-	-	-	-	-	-	-	-	-			
-										2. Poison	1.9	-	-	-	-	-	-	-	-	-			
-										3. Drowning	.5	2	-	-	-	1	1	-	-	-			
-										4. Hanging	1.2	-	-	-	-	-	-	-	-	-			
-										5. Otherwise	1.0	1	-	-	-	-	-	1	-	-			
-										ORDER 5.													
-										(EXECUTION.)													
-										1. Hanging	-	-	-	-	-	-	-	-	-	-			
-										Violent Deaths(not classed)	.6	1	-	-	-	-	-	1	-	-			
estines										Sudden Deaths (Cause unascertained)	.7	-	-	-	-	-	-	-	-	-			
-										Causes not specified or ill-defined	5.5	5	3	-	-	-	1	1	-	-			
-																							

A person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, &c., during the Week ending

REGISTRATION SUB-DISTRICTS.		Enume- rated Popu- lation, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
					Deaths of		Deaths from											
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.		
LONDON		3,254,260	2323	1261	432	204	11	29	24	2	17	1	14	4	158	58		
WEST DISTRICTS		561,359	372	203	69	29	1	5	2	1	4	-	2	-	27	5		
NORTH DISTRICTS		751,729	544	276	91	47	3	7	7	-	3	-	4	-	40	5		
CENTRAL DISTRICTS		334,369	199	122	40	18	-	2	2	-	-	-	2	-	13	7		
EAST DISTRICTS		639,111	484	254	88	44	-	7	3	1	2	-	3	2	24	15		
SOUTH DISTRICTS		967,692	724	406	144	66	7	8	10	-	8	1	3	2	49	23		
WEST DISTRICTS.																		
St. Mary Paddington WH		58728	45	14	4	4	-	-	-	-	-	-	-	-	1	2		
St. John Paddington H		38085	12	12	3	1	-	-	-	-	-	-	-	-	2	3		
Kensington Town W		91645	65	34	15	3	-	-	1	-	-	-	-	-	8	1		
Brompton H		28654	17	11	2	3	-	-	-	-	1	-	-	-	-	-		
St. Peter Hammersmith		6662	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Paul Hammersmith H		36029	45	15	3	4	-	-	-	-	-	-	-	-	2	1		
Fulham WvH		23350	27	15	6	2	-	2	-	-	-	-	-	-	1	-		
Chelsea South HHH		26420	19	11	2	-	-	-	-	-	-	-	-	-	2	-		
Chelsea North-west WHHHH		22926	14	8	1	2	-	1	-	-	1	-	1	-	1	-		
Chelsea North-east		21392	13	7	5	-	-	-	-	-	1	-	-	-	1	-		
Hanover Square H		18698	7	3	1	1	-	-	-	-	-	-	-	-	1	-		
May Fair WW		13358	7	4	1	1	-	-	-	-	-	-	-	-	-	-		
Belgrave HH		57972	30	29	9	4	-	2	-	-	-	-	-	-	1	-		
St. John Westminster HH		38478	24	12	8	-	-	-	-	-	-	-	-	-	4	2		
St. Margaret Westminster WH		27781	15	8	1	-	-	-	1	1	-	-	-	-	-	-		
Golden Square WH		12860	10	5	2	1	-	-	-	-	1	-	-	-	-	-		
Berwick-street H		20759	10	8	3	2	1	-	-	-	-	-	-	-	3	-		
St. Anne Soho HHHHH		17562	10	7	3	1	-	-	-	-	-	-	1	-	-	-		
NORTH DISTRICTS.																		
All Souls Marylebone HHHH		28579	16	12	3	2	-	1	-	-	-	-	-	-	1	-		
Cavendish Square HH		15425	9	1	-	-	-	-	-	-	-	-	-	-	-	-		
Rectory Marylebone WH		26384	10	11	2	3	-	1	-	-	-	-	-	-	-	-		
St. Mary Marylebone HHH		21786	17	5	1	3	-	-	-	-	-	-	-	-	1	-		
Christchurch Marylebone H		33944	27	15	7	2	-	1	-	-	-	-	-	-	5	-		
St. John Marylebone H		33136	15	13	5	1	-	-	-	-	-	-	-	-	1	-		
Hampstead WvHH		32281	16	16	1	2	2	-	4	-	-	-	1	-	1	-		
Regent's Park Pancras		38200	25	8	3	-	-	-	-	-	-	-	-	-	1	-		
Tottenham-court WHHH		29370	10	15	3	1	-	-	-	-	-	-	-	-	3	-		
Gray's Inn Lane HHH		29221	9	12	4	4	-	1	-	-	1	-	-	-	1	-		
Somers Town		38533	26	11	6	-	-	-	-	-	1	-	-	-	1	-		
Camden Town WH		17943	10	7	1	3	-	-	-	-	-	-	-	-	1	-		
Kentish Town w		68198	54	28	10	6	-	-	-	-	-	-	-	-	3	-		
Islington West HHH		97820	97	40	13	2	1	1	3	-	-	-	1	-	7	-		
Islington East Wvvh		115958	106	35	14	12	-	-	-	-	1	-	-	-	4	-		
Stoke Newington H		9841	10	9	3	2	-	-	-	-	-	-	-	-	2	-		
Stamford Hill		6598	8	5	1	1	-	-	-	-	-	-	2	-	1	-		
West Hackney		28069	23	12	3	2	-	1	-	-	-	-	-	-	1	-		
Hackney WvvhHL		50104	35	9	4	-	-	-	-	-	-	-	-	-	4	-		
South Hackney		30339	21	12	7	1	-	-	-	-	-	-	-	-	2	-		
CENTRAL DISTRICTS.																		
St. George Bloomsbury		17853	10	3	1	2	-	-	-	-	-	-	-	-	-	-		
St. Giles South WH		19109	15	13	1	4	-	1	-	-	-	-	-	-	2	-		
St. Giles North		16594	7	4	2	-	-	-	1	-	-	-	-	-	2	-		
Long Acre		11379	2	2	1	-	-	-	-	-	-	-	-	-	-	-		
Charing Cross HH		9859	6	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. Mary-le-Strand		9378	6	2	-	-	-	-	-	-	-	-	-	-	-	-		
St. Clement Danes H		10723	4	6	2	-	-	-	1	-	-	-	-	-	1	-		
St. George-the-Martyr HHHHH		20521	11	14	1	2	-	1	-	-	-	-	2	-	-	-		
St. Andrew Eastern W		13529	6	6	1	2	-	-	-	-	-	-	-	-	-	-		
Saffron Hill H		9066	8	5	4	-	-	-	-	-	-	-	-	-	3	-		
St. James Clerkenwell W		18917	16	9	4	1	-	-	-	-	-	-	-	-	2	-		
Amwell Clerkenwell		16884	13	2	2	-	-	-	-	-	-	-	-	-	-	-		
Pentonville		13337	8	2	2	-	-	-	-	-	-	-	-	-	1	-		
Goswell-street		16242	17	4	2	2	-	-	-	-	-	-	-	-	2	-		
Old-street H		12161	10	2	1	1	-	-	-	-	-	-	-	-	1	-		
City-road HHL		18301	25	5	3	-	-	-	-	-	-	-	-	-	1	-		
Whitecross-street		13792	5	6	4	-	-	-	-	-	-	-	-	-	1	-		
Finsbury		10741	3	2	-	1	-	-	-	-	-	-	-	-	-	-		
St. Botolph East London H		14540	5	8	4	-	-	-	-	-	-	-	-	-	2	-		
Cripplegate		13638	6	4	-	2	-	-	-	-	-	-	-	-	1	-		
St. Sepulchre H		7562	5	15	3	-	-	-	-	-	-	-	-	-	2	-		
St. Bride W		11185	6	5	-	1	-	-	-	-	-	-	-	-	1	-		
Castle Baynard		4426	1	1	1	-	-	-	-	-	-	-	-	-	-	-		
Christchurch		6270	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Queenhithe		4753	-	1	1	-	-	-	-	-	-	-	-	-	1	-		
Allhallows Barking		5764	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
Broad-street H		7845	1	-	-	-	-	-	-	-	-	-	-	-	-	-		

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see at the foot of next page.

HERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT August 1877.

				The DEATHS registered in the Week include														
DISTRICTS.		Enu- merated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions.
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhea.	Violence.		
DISTRICTS.																		
ch	-	12430	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
ditch	HL†	16545	7	7	1	2	-	1	-	-	-	-	-	1	-	-	-	
n w	-	27835	16	14	7	-	-	1	-	-	-	-	-	3	-	1	-	
I	-	26933	24	3	1	1	-	-	-	-	-	-	-	-	-	-	-	
	-	43421	38	20	8	6	-	1	-	-	-	-	-	1	5	-	4	
DISTRICTS.																		
reen	WHL†	29822	31	5	2	-	-	-	-	1	-	-	1	1	-	-	-	
reen	-	42433	30	25	8	7	-	-	1	-	-	-	1	3	2	3	7	
reen	-	26577	20	14	3	2	-	-	-	-	1	-	-	-	3	2	-	
	-	21272	8	4	1	1	-	-	-	-	-	-	-	-	-	-	-	
DISTRICTS.																		
wn	W	22499	17	7	4	-	-	1	-	-	-	-	-	-	-	1	-	
h	-	15550	13	14	3	2	-	-	1	-	-	-	-	1	-	1	9	
ch	H	11597	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	7322	8	19	3	1	-	-	-	-	-	-	1	-	5	6	16	
	-	10381	3	5	3	-	-	-	-	-	-	-	-	1	-	-	-	
	-	9224	11	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
ge East	-	17900	17	7	2	-	-	-	1	-	-	-	-	-	-	1	-	
ge East	-	21350	24	7	2	2	-	1	-	-	-	-	-	-	-	-	-	
ge East	W	8802	3	8	-	2	-	-	-	-	-	-	-	1	-	-	7	
DISTRICTS.																		
	-	11640	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	16131	11	6	3	-	-	1	-	-	-	-	-	1	-	-	-	
	-	29919	28	10	6	2	-	-	-	-	1	-	-	1	-	-	-	
n Western	-	38128	22	9	4	2	-	1	-	-	-	-	-	1	-	-	-	
n Eastern	WwwH-	65024	42	23	8	2	-	-	-	-	-	-	-	-	4	5	6	
DISTRICTS.																		
	-	67765	64	30	13	9	-	-	-	-	-	-	-	3	-	-	11	
	-	48611	31	13	6	3	-	-	-	-	-	-	-	2	1	1	1	
DISTRICTS.																		
hwark	WH	14573	11	8	2	5	-	-	-	-	-	-	-	-	-	-	4	
hwark	H	15677	8	5	4	-	-	-	-	-	-	-	-	-	-	-	-	
	-	20421	14	6	2	1	-	-	-	-	-	-	-	-	-	-	-	
I	-	16695	10	6	1	1	-	-	-	-	1	-	-	-	1	1	1	
	-	18961	11	7	2	2	-	-	-	-	1	-	-	-	-	-	-	
h	-	23682	16	9	3	4	-	-	-	-	-	-	-	2	-	-	-	
h W	-	48248	40	28	10	1	-	1	2	-	2	-	-	3	-	-	5	
on	-	16792	8	2	2	-	-	-	-	-	-	-	-	1	-	-	-	
rk	H	4373	1	8	1	-	-	-	-	-	-	-	-	-	2	3	5	
town	W	10500	7	5	2	1	-	-	-	-	-	-	-	2	-	-	-	
	-	16787	14	6	2	-	-	3	-	-	-	-	-	1	-	-	-	
a	W	15709	7	7	2	3	-	-	-	-	-	-	-	1	-	-	-	
dsey	-	47933	35	14	7	2	-	-	-	-	1	-	-	3	-	-	2	
	-	27096	26	19	5	3	-	-	1	-	1	-	-	-	1	1	1	
DISTRICTS.																		
H	-	14074	8	4	-	3	-	-	-	-	-	-	-	-	1	1	-	
H	-	18465	20	6	2	-	-	-	-	-	-	-	-	2	1	1	-	
1st	H	19492	10	14	4	-	1	-	2	-	-	-	-	3	3	3	7	
2nd	WW	35833	24	12	5	3	-	2	-	-	-	-	-	1	1	1	3	
	-	41286	27	11	7	2	-	1	-	-	-	-	-	2	-	-	-	
	-	31221	12	8	2	2	-	-	1	-	-	-	-	-	-	1	-	
	-	85435	27	23	8	2	4	-	2	-	-	-	-	2	-	-	8	
	-	12536	7	2	-	2	-	-	-	-	-	-	-	1	-	-	-	
DISTRICTS.																		
	-	27347	15	10	3	3	-	-	-	-	-	-	-	1	-	-	-	
	-	54016	62	27	13	4	-	-	-	-	1	-	-	5	-	2	3	
	-	19783	7	3	1	1	-	-	-	-	-	-	-	-	-	-	1	
	-	9439	8	3	1	-	-	-	1	-	-	-	-	-	-	-	-	
	-	14475	8	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
DISTRICTS.																		
L†	-	4041	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	31254	34	14	2	4	-	-	-	-	-	-	-	3	1	-	5	
	-	42160	45	25	11	3	-	-	-	-	-	-	-	3	4	5	-	
well	-	33851	35	17	8	2	-	-	-	-	-	-	-	4	2	2	-	
DISTRICTS.																		
w	-	53714	46	23	9	2	2	1	-	-	-	-	-	2	6	5	2	
ord	-	6474	5	4	2	-	-	-	-	-	-	-	-	1	-	-	-	
	-	21034	17	9	2	3	-	-	-	-	1	-	-	-	2	2	-	
VH	-	19378	15	16	4	4	-	-	-	-	-	-	1	3	-	-	8	
DISTRICTS.																		
	-	4539	4	3	-	-	-	-	1	-	-	-	-	-	-	-	-	
	-	16440	7	5	3	-	-	-	-	-	-	-	-	-	-	-	-	
WH	-	11513	7	8	3	1	-	-	-	-	-	-	-	-	-	-	2	
	-	19065	12	6	2	1	-	-	-	-	-	-	1	-	-	-	-	
DISTRICTS.																		
	-	9564	4	5	2	-	-	-	-	-	-	-	-	-	1	1	1	
	-	17226	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
WHH	-	18331	13	3	1	-	-	-	-	-	-	-	-	2	-	-	-	
	-	13027	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
y	-	16232	19	10	1	1	-	-	-	-	-	-	-	1	-	-	3	

WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the

Sick Asylum in Tottenham-court sub-district.

" Kentish Town sub-district.

Workhouse in Islington East sub-district.

Workhouse " Hackney sub-district.

" Hoxton New Town sub-district.

" Mile End Old Town Eastern sub-dist.

districts of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston

† Private Lunatic Asylums in which paupers are received.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.

Stepney Poplar & Stepney Sick Asylum

Westminster Union Industrial School in " Battersea sub-district."

Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 25th August 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Eneume- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												Inquest Cases.
						Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
	LONDON—OUTER RING	368,414	631,381	524	243	71	48	4	3	3	3	-	4	24	11	14		
29: 1	Carshalton <i>W</i> - - -	12228	13523	11	5	1	1	-	-	-	-	-	-	1	-	-		
2	Epsom (<i>part of</i>) * <i>WH</i> -	9971	9145	1	1	-	1	-	-	-	-	-	-	-	-	-		
36: 1	Godstone (<i>part of</i>) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-		
37: 1	Croydon <i>WWH</i> - - -	20851	71319	59	30	8	5	1	-	-	1	-	1	1	1	2		
2	Mitcham <i>WH</i> - - -	11697	12534	8	3	1	1	-	-	-	-	-	-	-	-	-		
38: 1	Wimbledon <i>HH</i> - - -	3220	9087	7	-	-	-	-	-	-	-	-	-	-	-	-		
2	Kingston <i>WH</i> - - -	8549	27489	16	6	2	-	-	-	-	-	-	1	-	-	-		
3	Esher (<i>part of</i>) * - - -	6601	7353	2	3	-	1	-	-	-	-	-	-	-	2	3		
4	Hampton - - -	4573	10185	8	3	1	-	-	-	-	-	-	-	-	1	1		
39: 1	Richmond <i>WH</i> - - -	2271	16829	17	5	1	3	-	-	-	-	-	-	-	-	-		
2	Mortlake - - -	2961	9816	4	2	1	-	-	-	-	-	-	-	-	-	-		
40: 1	Bromley (<i>part of</i>) * <i>HH</i> -	15669	19509	20	6	2	1	-	-	-	-	-	-	3	-	-		
2	Chislehurst (<i>part of</i>) * <i>W</i> -	13665	10028	8	2	-	-	-	-	-	-	-	-	-	-	-		
41: 1	Bexley <i>H</i> - - -	13439	19566	8	13	5	3	-	-	-	-	-	-	1	-	-		
123: 1	Sunbury <i>W</i> - - -	11055	9860	6	6	2	1	-	-	-	-	-	-	2	1	1		
2	Staines <i>W</i> - - -	13277	10339	5	-	-	-	-	-	-	-	-	-	-	-	-		
124: 1	Hillingdon <i>WH</i> - - -	6029	9712	6	4	1	-	-	-	-	-	-	-	1	-	-		
2	Uxbridge - - -	6178	5329	1	1	-	-	-	-	-	-	-	-	-	1	1		
3	Hayes <i>WL</i> - - -	14587	10497	9	3	2	-	-	-	1	-	-	-	-	-	-		
125: 1	Isleworth <i>W</i> - - -	7008	19930	18	6	2	2	-	-	1	-	-	-	2	-	-		
2	Twickenham - - -	2477	10533	13	1	1	-	-	-	-	-	-	-	-	-	-		
3	Brentford <i>HL</i> - - -	4370	20279	16	7	1	1	-	-	-	-	-	-	-	-	-		
4	Chiswick - - -	1311	8508	4	3	-	1	-	-	-	-	-	-	-	1	1		
5	Acton <i>WH</i> - - -	6087	12683	12	5	5	-	-	-	-	-	-	-	2	-	-		
126: 1	Harrow <i>H</i> - - -	13809	10869	7	2	2	-	-	-	-	-	-	-	-	-	1		
2	Edgware - - -	6994	3450	-	1	-	-	-	-	-	-	-	-	-	1	1		
3	Willesden - - -	4383	15869	16	6	3	1	1	-	-	-	-	-	1	-	-		
4	Hendon <i>WH</i> - - -	8382	6972	5	2	-	1	-	-	-	-	-	-	-	-	-		
127: 1	South Mimms - - -	15419	5924	9	3	-	-	-	-	-	-	-	1	-	-	-		
2	Barnet <i>W</i> - - -	5423	7752	3	4	1	1	-	-	-	-	-	-	-	-	-		
3	Finchley <i>L</i> - - -	4688	11493	11	9	1	1	-	-	-	-	-	-	-	-	-		
128: 1	Hornsey <i>H</i> - - -	3039	19357	32	6	1	1	-	2	-	1	-	-	-	-	-		
2	Tottenham <i>H</i> - - -	4642	22869	24	11	2	2	-	-	1	1	-	-	-	-	-		
3	Edmonton <i>WW</i> - - -	7483	13860	9	8	1	5	-	-	-	-	-	-	-	-	-		
4	Enfield <i>WH</i> - - -	12653	16054	13	6	4	1	-	-	-	-	-	-	2	-	-		
5	Waltham Abbey - - -	11017	5197	4	1	-	-	-	-	-	-	-	-	-	-	-		
6	Cheshunt - - -	8493	7518	2	3	1	2	-	-	-	-	-	-	-	-	-		
134: 1	Hatfield (<i>part of</i>) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-		
136: 1	Bushey - - -	9028	6472	3	2	1	-	-	-	-	-	-	-	-	-	-		
185: 1	Stratford - - -	882	23286	28	10	1	3	-	1	-	-	-	-	-	1	2		
2	West Ham <i>WWWW</i> - - -	7345	44642	64	25	9	3	2	-	-	-	-	1	2	1	1		
3	Leyton <i>WW</i> - - -	4274	15513	13	15	1	5	-	-	-	-	-	-	2	-	1		
4	Walthamstow <i>H</i> - - -	6619	15701	14	6	2	-	-	-	-	-	-	-	2	1	1		
186: 1	Chigwell (<i>part of</i>) * <i>H</i> -	10483	8169	1	4	2	1	-	-	-	-	-	-	1	-	-		
188: 1	Romford (<i>part of</i>) * - -	6730	2879	1	2	1	-	-	-	-	-	-	-	-	-	-		
2	Ilford - - -	8492	5947	3	2	2	-	-	-	-	-	-	-	1	-	-		
3	Barking Town - - -	4128	6576	3	-	-	-	-	-	-	-	-	-	-	-	-		

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 1000); 134: 1, only the parish of Northaw in Hatfield sub-district; 186: 1, the whole of the Chigwell sub-district, except the parish of Thoydon (pop. 798); 188: 1, only the parish of Dagenham in Romford sub-district.

—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and
Rate of MORTALITY during the Week ending Saturday, 25th August, 1877.

R.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from									Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.		
NDON	446,494	4,367,547	18·0	3·6	1504	503	252	15	32	27	5	17	23	182	69	251	
DON -	78,080	3,533,484	18·6	3·8	1261	432	204	11	29	24	2	17	19	158	58	218	
G -	368,414	834,063	15·2	2·6	243	71	48	4	3	3	3	-	4	24	11	33	

Area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 6·23 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 1,222 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
ATTA -	429,535	July	14	-	182	22·1	Fevers 55; cholera 6.
AY -	644,405	"	17	-	613	49·5	Cholera 121; small-pox 7; fevers 209.
AS -	397,552	"	6	216	937	122·5	Cholera 68; small-pox 88.
-	1,988,806	August	23	-	954	24·9	Typhoid fever 38; diphtheria 42.
TA -	67,829	"	18	38	35	26·9	Diphtheria and croup 2.
ELS -	188,609	"	18	99	63	18·1	Small-pox 1.
RDAM -	289,981	"	18	213	114	20·0	-
RDAM -	136,231	"	18	98	43	16·3	-
AGUE -	104,095	"	18	85	41	20·4	Typhus and typhoid fever 1.
HAGEN -	215,000	"	21	136	89	21·6	Diarrhoeal diseases 18.
HOLM -	146,845	"	11	-	80	28·3	Scarlet fever 5; whooping-cough 5.
IANIA -	79,000	"	18	70	27	17·8	Whooping-cough 2.
ERSBURGH	669,741	July	21	-	416	32·3	Small-pox 3; scarlet fever 11.
N -	997,269	August	4	757	736	38·3	Diarrhoeal diseases 244; scarlet fever 14.
URG (State)	393,588	"	4	288	216	28·6	Diarrhoeal diseases 55.
EN -	202,295	"	11	152	92	23·4	-
AU -	246,813	"	18	207	175	35·4	Diarrhoeal diseases 54.
HI -	209,000	"	18	154	142	34·0	Typhoid fever 5.
A -	714,548	"	18	533	306	22·3	Small-pox 6; diphtheria 16.
PESTH -	315,401	"	11	222	268	44·2	Typhus 11; diphtheria 7; diarrhoea 73.
-	278,607	"	4	152	119	22·2	Small-pox 3.
S -	454,948	"	5	-	217	24·8	Typhus 7; diphtheria 6.
-	223,488	"	11	144	97	22·2	Typhd. fev. & typhus 6; diphtheria and croup 3.
E -	139,796	"	11	60	65	24·2	Typhoid fever 3; diphtheria and croup 3.
NDRIA -	212,034	"	11	146	182	44·8	Whooping-cough 16; small-pox 3.
ORK -	1,077,228	July	28	-	717	34·6	Scarlet fev. 10; diph. 11; diarrhoeal diseases 268.
LYN -	527,830	"	28	-	355	35·0	Scarlet fever 17; diph. 8; diarrhoeal diseases 152.
DELPHIA -	850,856	August	4	-	407	25·0	Typhd. fev. 13; scarlet fev. 10; infantile cholera 89.
V -	363,000	July	28	-	236	33·8	Diarrhoeal diseases 109.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 25th AUGUST, 1877.
[Under the Superintendence of the Astronomer Royal.]

MOON.		READINGS OF THERMOMETERS.										DIFFERENCE				WIND.				RAIN.	
Phases of Moon.	Mean daily reading (corrected and reduced to 32 degt. Fahrenheit).	Dry.			Dew Point.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Thermometers.	In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between Dew Point Temperature and Air Temperature		Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*		Degree of Humidity, complete Saturation being represented by 100.		As deduced from Anemometers.				Collected in a Gauge whose receiving surface is 5 in. above the ground.	
		High-est.	Low-est.	Range in day.	Mean daily value.	Mean daily value.	Mean daily value.	Highest.	Lowest.	Great-est.	Least.	General Direction.	Pressure on square foot of Air of each day.		Oster's.	Robinson's.					
													A. M.	P. M.		Great-est.	Least.	Mean of 24 Obs.	Amount of Horizontal ure from Movement of Air of each day.		Amount of Depart-ment of Average of 16 years.
Ozone.																					

DATE. AUGUST.	Electricity.		Registered Sunshine, in hours.		Sun above Horizon, in hours.	
SUNDAY . 19			1.0	14.3	Fine; cloudy. A few drops of rain fell in the after-noon.	
MONDAY . 20			5.8	14.3	Fine; partially cloudy. A shower of rain fell in the afternoon.	
TUESDAY . 21			7.7	14.2	Rain fell in the early morning hours. Fine and partially cloudy till night with showers in evening. Cloud- less at night.	
WEDNESDAY . 22	The electrical appa- ratus was under ex- amination throughout the week.		8.3	14.1	Rain fell very heavily in the morning; fine and par- tially cloudy during day.	
THURSDAY . 23			10.1	14.1	A fine day; partially cloudy.	
FRIDAY . 24			8.3	14.0	Fine; generally cloudy.	
SATURDAY . 25			0.3	13.9	Cloudy. Frequent heavy showers of rain with light- ning and thunder.	
Sum			41.5	Sum 98.0		

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending December 31, 1845.—See *Phil. Trans.*, part 1, 1848. The mean daily wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observa-
tions taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873.
* In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and - "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.
The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the super-
intendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.
The duration of the rain, as registered by Campbell's registering Sun Dial, show the aggre-
gate duration of rain, from 29.77 in. at the beginning of the week to 29.77 in. at the end of the week, as registered by Campbell's registering Sun Dial.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, SEPTEMBER 1. [Price 1½d.

*General Register Office, Somerset House,
September 3rd, 1877.*

UNITED KINGDOM.

During last week 5748 *births* and 3327 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2421. The mortality from all causes was at the average rate of 18·3 deaths annually in every 1000 persons living. The annual death-rate was 21·7 per 1000 in Edinburgh, 22 in Glasgow, and 21 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Sheffield 18, London 18, South 20, Portsmouth 20, Bradford 21, Leeds 21, Bristol 22, Oldham 23, Norwich 24, Manchester 24, Newcastle-on-Tyne 24, Nottingham 24, Liverpool 25, Sunderland 26, Wolverhampton 26, Birmingham 27, Hull 27, Brighton 30, Leicester 33, and the highest rate 38 in Salford. The annual death-rate from the seven principal diseases averaged 5·5 per 1000 in the twenty towns, and ranged from 3·5 in Manchester, to 11·9 and 13·7 in Hull and Salford. Diarrhœa showed exceptional rates in Leicester, Hull, and Salford. Scarlet fever caused 8 deaths in Wolverhampton, where the annual death-rate from this disease averaged 4·5 per 1000 in July and August. Small-pox caused 23 deaths in the twenty towns, of which 11 occurred in London, and 3 in Liverpool.

LONDON.

IN LONDON 2496 BIRTHS and 1238 DEATHS were registered. Allowing for the increase of population, the births exceeded by 169, whereas the deaths were 215 below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 21·3 and 18·6 per 1000, further declined last week to 18·3. During the past three weeks of the current quarter the death-rate has averaged 20·0 per 1000, compared with 21·7 and 23·4 in the corresponding periods of 1875 and 1876.

The 1238 deaths included 20 from small-pox, 17 from measles, 26 from scarlet fever, 16 from diphtheria, 19 from whooping-cough, 18 from different forms of fever, and 4 from diarrhœa; thus to the seven principal diseases of the zymotic class 123 deaths were referred, against 346 and 260 in the two preceding weeks. These deaths were 137 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 18·3 per 1000. The 17 fatal cases of measles showed a further considerable decline from the numbers in recent weeks. The 26 deaths from scarlet fever exceeded the average in any week since the beginning of June, and included 3 in St. John the Baptist (St. John's), 2 in Holborn, 2 in Clerkenwell, and 6 in Lambeth (including 3 in the Bell Fever Hospital). Another death from scarlet fever was recorded at 10 North Street, Holborn, where the drains are reported to have been in a seriously insanitary condition for more than twelve months. The 19 deaths from whooping-cough included 6 in the North and 6 in the South groups of districts. The 13 deaths referred to fever were 19 below the corrected average weekly rate, and within one of the number in the previous week; 5 were certified as typhoid, 12 as enteric or typhoid, and one as simple continued fever. The 5 fatal cases of typhus were recorded at George Court (Adelphi), Ann Street (Ratcliff), Roper Row (Ratcliff), Alderney Road (Mile End), and Sabbarton Street (St. Paul's).

The deaths from small-pox, which had been 21 and 11 in the two previous weeks, rose again to 20 last week; of these, 13 occurred in the Metropolitan Asylums Hospitals, one in the Highgate Small-pox Hospital, and the remaining 6 in private dwellings. After distributing the 14 fatal hospital cases, it appears that 4 of the deceased small-pox patients had resided in Lambeth, 2 in Kensington, and 2 in

Islington. Of the 20 fatal cases of small-pox, 11 were certified to be unvaccinated, 4 vaccinated, and 5 were "not stated" as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which in the fourteen preceding weeks had steadily declined from 964 to 279, further decreased to 246 on Saturday last. The Highgate Small-pox Hospital contained 26 patients on Saturday last, against 31 on the previous Saturday.

The mean temperature during August at the Royal Observatory, Greenwich, was $61^{\circ} \cdot 7$, showing an excess of $0^{\circ} \cdot 9$ both upon the mean temperature of July, and upon the mean August temperature in 100 years. Rain was measured on 17 days in August to the aggregate amount of 2·9 inches, which exceeded the average amount in 61 years by half an inch.

The deaths referred to diarrhœa, which had been 194, and 158 in the two previous weeks, were 154 last week, and 55 below the corrected average weekly number. During July and August the fatal cases of diarrhœa in London were 1470, against 1521 and 2603 in the corresponding periods of 1875 and 1876. The annual death-rate from diarrhœa last week did not exceed 2·3 per 1000 in London, whereas it averaged 5·3 per 1000 in the nineteen provincial towns, in which it ranged from 1·3 and 2·1 in Bristol and Wolverhampton, to 9·3 in Leicester, 11·1 in Salford, and 11·2 in Hull. The deaths of 4 children and of 3 adults were referred to simple cholera or choleraic diarrhœa in London last week.

Different forms of violence caused 48 deaths; 42 were the result of negligence or accident, including 21 from fractures and contusions, 10 from drowning, and 7 of infants under one year of age from suffocation. The 21 deaths from fractures and contusions were thus caused: male 66, run over by a van; male 61, run over by a wagon; males 8 and 7, run over by carts; males 28 and 26, run over on railway; males 66 and 43 fell from train in motion; males 2 and 4, fell from window; male 51, fell from ladder; males 5, 7, and 51 killed by a sugar trolley; male 5, injured by running against a wall; female 3, injured by being "run against"; male 20, fell from a wharf; male 18 fell from a building; male 57, skull fractured by a fall; male 87, fell from a form in a workhouse; and female 50, concussion of brain. An inquest was held in all but two of these cases which were certified by registered medical practitioners.

In the large Public Institutions 227 deaths were recorded, or 18 per cent. of the total deaths; of these, 129 occurred in Workhouse Establishments, 93 in Hospitals, and 5 in Lunatic Asylums.

GREATER LONDON.

In Greater London 2993 births and 1511 deaths were registered, equal to annual rates of 35·8 and 18·1 per 1000 of the population. In the Outer Ring 4 deaths from small-pox were recorded in West Ham, 2 from scarlet fever in Willesden, and 2 from measles in Croydon.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 24, Bombay 54, Madras 142; Paris 24; Geneva 22; Brussels 23; Amsterdam 22, Rotterdam 25, The Hague 22; Copenhagen 21; Stockholm 28; Christiania 20; St. Petersburg 35; Berlin 35, Hamburg 30, Breslau 38, Munich 31; Vienna 23, Buda-Pesth 41; Rome 20, Naples 22, Turin 21, Venice 26; Alexandria 39; New York 31, Brooklyn 27, Philadelphia 23, and Boston 27.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was $29 \cdot 72$ in., the lowest reading was $29 \cdot 35$ in. at the beginning of the week, and the highest $29 \cdot 94$ in. on Saturday morning. The mean temperature of the *air* was $59^{\circ} \cdot 5$, and $0^{\circ} \cdot 6$ below the average in the corresponding week of the 60 years 1814-73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed an excess on Sunday, Monday, Tuesday, and Wednesday, and was below the average on each of the other days. On Tuesday the mean was $62^{\circ} \cdot 8$, and in excess by $2^{\circ} \cdot 6$, whereas on Saturday it was but $52^{\circ} \cdot 9$ and $6^{\circ} \cdot 5$ below the average. The lowest night temperature was $43^{\circ} \cdot 2$ on Saturday, and the highest day temperature in the shade $73^{\circ} \cdot 3$ on Wednesday; the extreme range in the week was, therefore, $30^{\circ} \cdot 1$. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was $133^{\circ} \cdot 1$ on Friday. The difference between the mean *dew-point* and *air* temperature averaged $7^{\circ} \cdot 7$. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was $64^{\circ} \cdot 3$. The mean degree of *humidity* of the air was 76, complete saturation being represented by 100. The general direction of the *wind* was West-south-west, and the horizontal movement of the air averaged 15·7 miles per hour, which was 5·3 above the average in the corresponding week of 16 years. *Rain* fell on four days of the week, to the aggregate amount of 0·42 of an inch. The duration of registered sunshine in the week was 37·8 hours, the sun being above the horizon during 96 hours.

BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday the 1st September, 1877.

TOWNS.	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 1st September 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.		In Inches.	In Centimetres.
London	212,881	8,144,940	38·3	5748	3327	76·0	38·0	56·6	13·67	1·25	3·17
Manchester	75,362	3,533,484	46·9	2496	1238	73·3	48·2	59·5	15·28	0·42	1·07
Birmingham	2,354	102,264	43·4	61	59	69·1	46·7	59·2	15·11	0·63	1·60
Leeds	4,486	127,144	28·3	70	49	66·2	49·0	58·8	14·89	1·39	3·53
Sheffield	7,472	84,023	11·2	56	38	71·0	45·2	58·8	14·89	1·20	3·05
Nottingham	1,395	72,911	52·3	36	28	67·0	48·5	58·9	14·94	2·15	5·46
Bradford	4,452	202,950	45·6	142	87	69·9	41·0	57·6	14·23	2·37	6·02
Cardiff	3,396	73,389	21·6	40	37	68·5	41·4	55·5	13·06	0·66	1·68
Edinburgh	8,400	377,436	44·9	325	195	-	-	-	-	-	-
Glasgow	3,200	117,461	36·7	78	74	-	-	-	-	-	-
Liverpool	1,996	95,025	47·6	64	44	70·8	39·2	56·7	13·72	1·65	4·19
Belfast	5,210	527,083	101·2	417	250	66·1	48·1	55·2	12·89	0·67	1·70
Southampton	4,293	359,213	83·7	264	163	-	-	-	-	-	-
Swansea	5,170	141,184	27·3	105	104	67·7	39·1	54·1	12·28	0·91	2·31
Cardigan	4,666	89,796	19·2	73	39	-	-	-	-	-	-
Exeter	7,220	179,315	24·8	131	71	66·2	46·0	55·0	12·78	1·36	3·45
Truro	21,572	293,189	13·8	204	121	70·0	44·0	56·1	13·39	1·39	3·53
St. Austrey	19,651	282,130	14·4	212	97	70·0	44·5	56·2	13·44	1·18	3·00
St. Austrey	3,635	140,002	38·5	118	73	67·0	42·0	55·6	13·12	0·95	2·41
St. Austrey	3,306	110,382	33·4	68	55	76·0	45·0	57·4	14·11	1·19	3·02
St. Austrey	5,371	142,231	26·5	119	66	-	-	-	-	-	-
St. Austrey	4,191	218,729	52·2	123	81	63·0	42·0	53·5	11·95	1·38	3·51
St. Austrey	6,033	555,933	92·1	353	231	60·8	44·2	54·5	12·50	2·41	6·12
St. Austrey	10,050	314,666	31·3	193	127	70·4	33·0	55·6	13·12	0·59	1·50

of the Meteorological Observers in the several towns, see note at foot of Table 4.
for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The Dublin is taken as stationary at the number enumerated in April 1871.

DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population 55,612 persons, and in DUBLIN, during the Week ending Saturday the 1st September, 1877.

TOWNS.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.		
LONDON	21·4	5·5	2888	1047	431	23	28	59	10	68	45	515	96	157	365
MANCHESTER	18·3	3·8	1238	404	206	20	17	26	5	19	18	154	48	79	227
BIRMINGHAM	30·1	9·7	59	21	9	-	-	-	-	3	2	14	1	3	10
LEEDS	20·1	6·6	49	15	11	-	-	-	-	3	1	12	-	2	3
SHEFFIELD	23·6	6·8	38	17	7	-	-	2	-	-	-	9	-	2	2
NOTTINGHAM	20·0	7·2	28	12	5	-	-	1	-	-	-	9	2	3	2
CARDIFF	22·4	4·1	87	26	13	-	4	-	-	5	2	5	3	4	9
EDINBURGH	26·3	7·8	37	13	5	-	-	8	-	-	-	3	-	1	1
GLASGOW	27·0	10·8	195	97	19	-	1	6	-	7	4	60	7	11	11
LIVERPOOL	32·9	9·8	74	43	11	-	-	-	-	1	-	21	2	4	4
BELFAST	24·2	8·8	44	27	4	-	1	-	-	1	3	11	-	-	1
SOUTHAMPTON	24·8	8·6	250	94	32	3	2	4	-	11	2	65	12	14	21
SWANSEA	23·7	4·9	163	41	14	-	1	3	3	5	4	18	2	9	26
CARDIGAN	38·4	13·7	104	43	6	-	1	2	1	1	2	30	4	5	8
EXETER	22·7	3·5	39	13	5	-	-	-	-	1	-	5	2	2	2
TRURO	20·7	5·8	71	18	13	-	-	5	-	3	3	9	-	-	6
ST. AUSTRY	21·2	4·4	121	46	23	-	1	-	-	2	2	20	2	5	11
ST. AUSTRY	17·9	4·4	97	36	15	-	-	1	-	3	-	20	2	3	7
ST. AUSTRY	27·2	11·9	73	37	11	-	-	-	-	1	1	30	3	3	4
ST. AUSTRY	26·0	3·8	55	16	12	-	-	-	-	-	1	7	6	6	4
ST. AUSTRY	24·2	6·2	66	28	10	-	-	1	1	2	-	13	-	1	6
DUBLIN	21·1	2·7	127	22	33	-	3	2	-	3	1	7	5	2	36

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the THIRTY-FIFTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2085	2247	2156	2055	2068	2188	2160	2151	2304	2329	2174·3	2496
Males . .	1034	1121	1128	1043	1041	1096	1096	1056	1175	1162	1095·2	1248
Females .	1051	1126	1028	1012	1027	1092	1064	1095	1129	1167	1079·1	1248
TOTAL Deaths	1288	1356	1391	1426	1485	1236	1477	1207	1429	1288	1358·3	1238
Males . .	671	682	748	740	786	646	735	585	755	668	701·6	630
Females .	617	674	643	686	699	590	742	622	674	620	656·7	608

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867-76, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	June 9.	June 16.	June 23.	June 30.	July 7.	July 14.	July 21.	July 28.	Aug. 4.	Aug. 11.	Aug. 18.	Aug. 25.	Sept. 1.
TOTAL Deaths - - -	1429	1315	1271	1300	1322	1449	1438	1430	1439	1293	1309	1261	1238
0—20 - - -	692	663	632	609	691	795	788	789	778	725	739	694	657
20—40 - - -	226	180	188	205	189	182	174	190	189	161	152	177	199
40—60 - - -	239	218	217	249	206	217	225	206	224	192	207	186	177
60—80 - - -	224	207	199	196	194	223	202	206	222	176	191	175	174
at 80 years & upwds.	48	47	35	41	42	32	49	39	26	39	20	29	32
Deaths of children { Under 1 year -	282	287	306	275	378	447	498	464	461	439	440	432	404
{ 1—5 - - -	286	260	222	224	207	227	192	199	239	209	211	166	176
{ 5—20 - - -	124	116	104	110	106	121	98	126	78	77	88	96	77
Deaths from 7 principal Zymotic Diseases {	220	218	210	223	244	324	332	338	315	300	346	260	259
„ „ Small-pox - - -	58	55	44	44	23	32	35	27	22	20	21	11	20
„ „ Measles - - -	65	61	42	45	44	28	42	51	51	43	49	29	17
„ „ Scarlet fever - -	19	14	14	24	18	21	19	25	15	21	24	24	26
„ „ Diphtheria - - -	6	7	7	6	9	7	6	4	8	6	12	2	5
„ „ Whooping-cough -	40	38	35	28	35	46	36	23	21	29	18	17	19
„ „ Typhus fever - - -	1	4	5	6	6	1	2	2	2	2	1	1	5
„ „ Enteric (or Typhoid) fever -	11	9	12	15	10	14	15	15	13	10	20	14	12
„ „ Simple Contagious fever -	4	3	5	5	3	6	4	7	7	3	7	4	1
„ „ Diarrhœa - - -	16	27	46	50	96	169	173	184	176	166	194	158	154
„ „ Simple Cholera - -	-	-	2	2	6	14	9	9	8	5	3	7	7
„ „ Dis. of Respiratory Organs -	251	199	166	162	144	159	181	169	144	117	125	124	108
„ „ Phthisis - - -	174	163	161	198	176	159	149	153	166	129	141	151	148
„ „ Heart Diseases - -	77	67	67	77	62	76	76	84	81	66	66	61	71
Violent Deaths - - -	59	76	62	52	56	60	42	44	49	38	44	58	48
Inquest Cases - - -	101	116	94	86	86	96	75	89	99	66	75	89	79
Deaths in Public Institutions	293	275	272	281	255	271	265	245	239	220	221	218	227
TEMPERATURE OF THE AIR: -													
Mean - - -	60·4	62·2	63·3	61·6	58·2	61·1	59·1	60·8	63·3	62·5	63·7	62·0	59·5
Mean of Highest readings -	74·4	75·1	77·6	76·8	71·6	73·9	69·0	71·3	76·5	73·5	76·3	73·0	69·6
Mean of Lowest readings -	48·7	51·7	51·5	50·0	48·9	50·7	53·0	53·4	53·8	54·6	55·0	53·6	53·1
Mean Temperature of the Water of the Thames -	58·8	64·3	67·3	65·6	65·8	64·6	64·3	64·2	66·2	65·8	66·3	66·7	64·3
Humidity of the Air - - -	68	72	63	61	71	71	76	80	69	72	74	70	76
Rain-fall in inches - - -	0·07	0·41	0·01	0·01	0·63	0·37	0·84	0·60	0·09	0·71	0·01	1·67	0·42
Registered Sunshine (in hours)	70·3	68·9	67·0	58·4	46·0	40·5	37·8	21·7	46·6	34·6	39·1	41·5	37·8

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-FIFTH Week of the Year 1877.

In the Week ending Saturday, September 1, 1877.											In the Week ending Saturday, September 1, 1877.																		
Deaths of Persons of the Ages											Deaths of Persons of the Ages																		
ALL AGES.		Under 20.			40. 20 and under 40.		60. 40 and under 60.		80. 60 and under 80.		80 Years and upwards.		ALL AGES.		Under 20.			40. 20 and under 40.		60. 40 and under 60.		80. 60 and under 80.		80 Years and upwards.					
Mean Tem.	60° 0	59° 5	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	Mean Tem.	60° 0	59° 5	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	Mean Tem.	60° 0	59° 5	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
CAUSES OF DEATH.											CAUSES OF DEATH.																		
Mean Temperature -											Mean Temperature -																		
9. Stricture of Intestines											9. Stricture of Intestines																		
10. Fistula											10. Fistula																		
11. Stomach Disease, &c.											11. Stomach Disease, &c.																		
12. Pancreas Disease, &c.											12. Pancreas Disease, &c.																		
13. Hepatitis											13. Hepatitis																		
14. Jaundice											14. Jaundice																		
15. Liver Disease, &c.											15. Liver Disease, &c.																		
16. Spleen Disease, &c.											16. Spleen Disease, &c.																		
ORDER 5.											ORDER 5.																		
1. Nephritis											1. Nephritis																		
2. Ischuria											2. Ischuria																		
3. Bright's Dis. (Nephria)											3. Bright's Dis. (Nephria)																		
4. Diabetes											4. Diabetes																		
5. Calculus (Stone)											5. Calculus (Stone)																		
6. Cystitis											6. Cystitis																		
7. Kidney Disease, &c.											7. Kidney Disease, &c.																		
ORDER 6.											ORDER 6.																		
1. Ovarian Dropsy											1. Ovarian Dropsy																		
2. Uterus Disease, &c.											2. Uterus Disease, &c.																		
ORDER 7.											ORDER 7.																		
1. Synovitis (Arthritis)											1. Synovitis (Arthritis)																		
2. Joint Disease, &c.											2. Joint Disease, &c.																		
ORDER 8.											ORDER 8.																		
1. Phlegmon											1. Phlegmon																		
2. Ulcer											2. Ulcer																		
3. Skin Disease, &c.											3. Skin Disease, &c.																		
IV. DEVELOPMENTAL DISEASES.											IV. DEVELOPMENTAL DISEASES.																		
ORDER 1.											ORDER 1.																		
1. Premature Birth											1. Premature Birth																		
2. Cyanosis											2. Cyanosis																		
3. Spina Bifida											3. Spina Bifida																		
4. Other Malformations											4. Other Malformations																		
5. Teething											5. Teething																		
ORDER 2.											ORDER 2.																		
1. Paramenia											1. Paramenia																		
2. Childbirth (see Puer- peral Fever)											2. Childbirth (see Puer- peral Fever)																		
ORDER 3.											ORDER 3.																		
1. Old Age											1. Old Age																		
ORDER 4.											ORDER 4.																		
1. Atrophy and Debility											1. Atrophy and Debility																		
V. VIOLENT DEATHS, &c.											V. VIOLENT DEATHS, &c.																		
ORDER 1.											ORDER 1.																		
(ACCIDENT OR NEGLIGENCE.)											(ACCIDENT OR NEGLIGENCE.)																		
1. Fractures & Contusions											1. Fractures & Contusions																		
2. Wounds { Gunshot Cut, Stab }											2. Wounds { Gunshot Cut, Stab }																		
3. Burns and Scalds											3. Burns and Scalds																		
4. Poison											4. Poison																		
5. Drowning											5. Drowning																		
6. Suffocation											6. Suffocation																		
7. Otherwise											7. Otherwise																		
ORDER 3.											ORDER 3.																		
(HOMICIDE.)											(HOMICIDE.)																		
1. Murder & Manslaughter											1. Murder & Manslaughter																		
ORDER 4.											ORDER 4.																		
SUICIDE.)											SUICIDE.)																		
1. Wounds { Gunshot Cut, Stab }											1. Wounds { Gunshot Cut, Stab }																		
2. Poison											2. Poison																		
3. Drowning											3. Drowning																		
4. Hanging											4. Hanging																		
5. Otherwise											5. Otherwise																		
ORDER 5.											ORDER 5.																		
(EXECUTION.)											(EXECUTION.)																		
1. Hanging											1. Hanging																		
Violent Deaths (not classed)											Violent Deaths (not classed)																		
Sudden Deaths (Cause unascertained)											Sudden Deaths (Cause unascertained)																		
Causes not specified or ill-defined											Causes not specified or ill-defined																		

should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1877.

Person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, TYPHUS, ENTERIC (or Typhoid) FEVER, SIMPLE CONTINUED FEVER, DIARRHOEA, and VIOLENCE, during the Week ending

REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include											
				Deaths of		Deaths from									
				Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.
LONDON - - -	3,254,260	2496	1238	404	206	20	17	26	5	19	5	12	1	154	48
WEST DISTRICTS - - -	561,359	378	184	50	27	4	3	3	1	-	-	2	-	21	2
NORTH DISTRICTS - - -	751,729	556	274	89	53	7	5	7	1	6	-	2	-	25	4
CENTRAL DISTRICTS - - -	334,369	181	135	41	21	-	1	4	1	4	1	1	-	15	3
EAST DISTRICTS - - -	639,111	519	271	91	41	1	5	3	2	3	4	4	-	43	22
SOUTH DISTRICTS - - -	967,692	862	374	133	64	8	3	9	-	6	-	3	1	50	17
WEST DISTRICTS.															
St. Mary Paddington WH - - -	58728	45	20	10	3	-	-	-	1	-	-	-	-	4	-
St. John Paddington H - - -	38085	9	5	1	1	-	-	-	-	-	-	1	-	1	-
Kensington Town W - - -	91645	92	27	9	3	1	-	1	-	-	-	-	-	3	-
Brompton H - - -	28654	11	11	3	-	-	-	1	-	-	-	-	-	1	-
St. Peter Hammersmith - - -	6662	3	5	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith H - - -	36029	23	11	4	1	-	1	-	-	-	-	-	-	2	1
Fulham WwH - - -	23350	26	17	6	3	1	-	1	-	-	-	-	-	4	-
Chelsea South HHH - - -	26420	15	11	4	-	-	-	-	-	-	-	-	-	1	-
Chelsea North-west WHHHH - - -	22926	23	10	1	3	1	-	-	-	-	-	-	-	1	-
Chelsea North-east - - -	21392	9	2	1	-	-	-	-	-	-	-	-	-	-	-
Hanover Square H - - -	18698	2	2	-	1	-	-	-	-	-	-	-	-	-	-
May Fair WW - - -	13358	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Belgrave HH - - -	57972	39	27	3	5	-	2	-	-	-	-	-	-	1	-
St. John Westminster HH - - -	38478	27	11	4	2	-	-	-	-	-	-	1	-	2	-
St. Margaret Westminster WH - - -	27781	7	13	-	3	-	-	-	-	-	-	-	-	-	-
Golden Square WH - - -	12860	7	3	1	-	1	-	-	-	-	-	-	-	-	-
Berwick-street H - - -	20759	22	7	2	2	-	-	-	-	-	-	-	-	1	-
St. Anne Soho HHHHH - - -	17562	13	2	1	-	-	-	-	-	-	-	-	-	-	-
NORTH DISTRICTS.															
All Souls Marylebone HHHH - - -	28579	17	11	4	1	-	2	-	1	-	-	-	-	-	-
Cavendish Square HH - - -	15425	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone WH - - -	26384	13	13	3	3	-	-	-	-	1	-	-	-	1	-
St. Mary Marylebone HHH - - -	21786	16	13	3	7	-	-	-	-	-	-	-	-	-	-
Christchurch Marylebone H - - -	33944	20	8	3	2	-	-	-	-	-	-	-	-	1	-
St. John Marylebone H - - -	33136	20	10	2	1	-	-	3	-	-	-	-	-	1	-
Hampstead WwHH - - -	32281	20	16	6	2	4	-	-	-	-	-	1	-	1	-
Regent's Park Pancras - - -	38200	26	8	5	-	-	1	-	-	-	-	-	-	1	-
Tottenham-court wHHH - - -	29370	11	21	6	5	-	-	-	-	-	-	-	-	4	1
Gray's Inn Lane HHH - - -	29221	22	9	5	1	-	-	1	-	2	-	-	-	2	1
Somers Town - - -	38533	23	14	6	3	-	-	-	-	1	-	-	-	2	-
Camden Town W - - -	17943	13	11	2	2	-	-	-	-	-	-	-	-	1	-
Kentish Town w - - -	68198	58	18	7	4	-	-	-	-	-	-	-	-	4	-
Islington West HHH - - -	97820	83	36	13	4	2	-	2	-	1	-	-	-	2	1
Islington East WwH - - -	115958	97	37	12	8	-	2	-	-	1	-	-	-	3	-
Stoke Newington H - - -	9841	16	6	1	1	-	-	-	-	-	-	-	-	-	-
Stamford Hill - - -	6598	4	-	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney - - -	28069	32	9	1	4	-	-	1	-	-	-	-	-	1	-
Hackney WwH - - -	50104	37	21	5	4	1	-	-	-	-	-	1	-	1	-
South Hackney - - -	30339	26	11	5	-	-	-	-	-	-	-	-	-	1	-
CENTRAL DISTRICTS.															
St. George Bloomsbury - - -	17853	2	3	1	-	-	-	-	-	-	-	1	-	-	-
St. Giles South WH - - -	19109	6	11	2	1	-	-	-	-	-	-	-	-	2	-
St. Giles North - - -	16594	8	1	1	-	-	-	-	-	-	-	-	-	1	-
Long Acre - - -	11379	10	5	3	-	-	-	-	-	-	-	-	-	-	-
Charing Cross HH - - -	9859	1	4	-	1	-	-	-	-	-	1	-	-	-	-
St. Mary-le-Strand - - -	9378	11	6	2	-	-	-	-	-	-	-	-	-	1	-
St. Clement Danes H - - -	10723	3	5	-	1	-	-	-	-	1	-	-	-	-	-
St. George-the-Martyr HHHHH - - -	20521	9	13	2	-	-	-	2	-	1	-	-	-	1	-
St. Andrew Eastern W - - -	13529	4	11	1	5	-	-	-	-	-	-	-	-	1	-
Saffron Hill H - - -	9066	6	4	3	1	-	-	-	-	-	-	-	-	1	-
St. James Clerkenwell W - - -	18917	18	9	4	1	-	-	1	-	-	-	-	-	1	-
Amwell Clerkenwell - - -	16884	10	2	-	-	-	-	1	1	-	-	-	-	-	-
Pentonville - - -	13337	9	3	1	1	-	-	-	-	-	-	-	-	1	-
Goswell-street - - -	16242	8	10	5	1	-	-	-	-	-	-	-	-	1	-
Old-street H - - -	12161	11	5	3	1	-	-	-	-	1	-	-	-	1	-
City-road HHL - - -	18301	24	8	3	3	-	-	-	-	-	-	-	-	1	-
Whitecross-street - - -	13792	10	8	2	3	-	-	-	-	-	-	-	-	1	-
Finsbury - - -	10741	5	3	2	-	-	-	-	-	-	-	-	-	1	-
St. Botolph East London H - - -	14540	7	4	2	2	-	-	-	-	-	-	-	-	1	1
Cripplegate - - -	13638	5	2	1	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre H - - -	7562	1	12	3	-	-	1	-	-	1	-	-	-	-	-
St. Bride W - - -	11185	3	3	-	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard - - -	4426	1	1	-	-	-	-	-	-	-	-	-	-	1	-
Christchurch - - -	6270	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - -	4753	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - -	5764	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street H - - -	7845	3	1	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, &c.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 1st September 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include											Inquest Cases.
						Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.		
	LONDON—OUTER RING	368,414	631,381	497	273	80	54	4	4	7	1	1	4	27	9	15	
29: 1	Carshalton W - - -	12228	13523	10	6	1	-	-	-	-	-	-	-	-	2	2	
2	Epsom (part of) * WH -	9971	9145	8	1	-	-	-	-	-	-	-	-	-	-	1	
36: 1	Godstone (part of) * - -	2754	900	1	-	-	-	-	-	-	-	-	-	-	-	-	
37: 1	Croydon WWH - - -	20851	71319	61	21	11	2	-	2	-	-	-	-	3	-	-	
2	Mitcham WH - - -	11697	12534	13	5	1	-	-	-	-	-	-	-	-	-	-	
38: 1	Wimbledon HH - - -	3220	9087	5	1	-	1	-	-	-	-	-	-	-	-	-	
2	Kingston WH - - -	8549	27489	27	7	-	2	-	-	-	-	-	-	-	-	-	
3	Esher (part of) * - - -	6601	7353	5	4	1	1	-	-	-	-	-	-	-	-	-	
4	Hampton - - - -	4573	10185	9	3	2	1	-	-	-	-	-	-	-	-	-	
39: 1	Richmond WH - - -	2271	16829	8	11	2	4	-	-	-	-	-	-	1	-	-	
2	Mortlake - - - -	2961	9316	8	2	-	-	-	-	-	-	-	-	-	-	-	
40: 1	Bromley (part of) * HH -	15669	19509	19	10	4	-	-	-	1	1	-	-	2	1	1	
2	Chislehurst (part of) * W -	13665	10028	9	3	1	1	-	-	-	-	-	-	-	-	-	
41: 1	Bexley H - - - -	13439	19566	12	6	4	-	-	-	-	-	-	-	3	-	-	
123: 1	Sunbury W - - - -	11055	9860	3	3	-	1	-	-	1	-	-	-	-	-	-	
2	Staines W - - - -	13277	10339	10	9	4	2	-	-	-	-	-	1	2	-	-	
124: 1	Hillingdon WH - - -	6029	9712	6	3	1	2	-	-	-	-	-	-	1	-	-	
2	Uxbridge - - - -	6178	5329	3	2	-	1	-	-	-	-	-	-	-	-	2	
3	Hayes WL - - - -	14537	10497	11	13	2	3	-	-	-	-	-	-	-	1	1	
125: 1	Isleworth W - - - -	7008	19930	21	14	4	3	-	-	-	-	-	-	-	1	2	
2	Twickenham - - - -	2477	10533	4	1	-	1	-	-	-	-	-	-	-	-	-	
3	Brentford HL - - - -	4370	20279	11	7	2	-	-	-	-	-	-	-	-	-	-	
4	Chiswick - - - -	1311	8508	5	2	-	-	-	-	-	-	-	-	-	1	1	
5	Acton WH - - - -	6037	12683	9	4	1	1	-	-	1	-	-	-	-	-	-	
126: 1	Harrow H - - - -	13809	10869	4	3	1	1	-	-	-	-	-	-	-	-	-	
2	Edgware - - - -	6994	3450	2	-	-	-	-	-	-	-	-	-	-	-	-	
3	Willesden - - - -	4383	15869	22	5	-	1	-	-	2	-	-	-	1	-	-	
4	Hendon WH - - - -	8332	6972	9	5	1	1	-	-	-	-	-	-	-	-	-	
127: 1	South Mimms - - - -	15419	5924	2	2	-	1	-	-	-	-	-	-	-	1	1	
2	Barnet W - - - -	5423	7752	2	3	-	1	-	-	-	-	-	-	-	-	-	
3	Finchley L - - - -	4688	11493	3	11	1	5	-	-	-	-	-	-	-	-	1	
128: 1	Hornsey H - - - -	3039	19357	16	10	1	4	-	1	-	-	-	-	-	-	-	
2	Tottenham H - - - -	4642	22869	19	6	3	-	-	-	-	-	-	-	1	1	-	
3	Edmonton WW - - - -	7483	13860	11	12	3	5	-	-	-	-	-	-	-	1	1	
4	Enfield WH - - - -	12653	16054	6	5	2	-	-	-	1	-	-	-	-	-	-	
5	Waltham Abbey - - - -	11017	5197	4	2	2	-	-	-	-	-	-	-	-	-	-	
6	Cheshunt - - - -	8493	7518	3	2	2	-	-	-	-	-	-	-	1	-	-	
134: 1	Hatfield (part of) * - -	3180	559	-	2	-	1	-	-	-	-	-	-	-	-	-	
136: 1	Bushey - - - -	9028	6472	5	6	1	1	-	-	-	-	-	-	-	-	-	
185: 1	Stratford - - - -	882	23286	21	11	5	1	-	-	-	-	-	-	-	3	-	
2	West Ham WWWW - - -	7345	44642	55	30	13	1	4	1	1	-	1	1	5	-	-	
3	Leyton WW - - - -	4274	15513	14	7	1	2	-	-	-	-	-	-	-	1	1	
4	Walthamstow H - - -	6619	15701	11	4	-	-	-	-	-	-	-	-	-	-	-	
186: 1	Chigwell (part of) * H -	10483	8169	-	3	-	1	-	-	-	-	-	1	-	-	-	
188: 1	Romford (part of) * - -	6730	2879	3	1	-	1	-	-	-	-	-	-	-	-	-	
2	Ilford - - - -	8492	5947	6	-	-	-	-	-	-	-	-	-	-	-	-	
3	Barking Town - - - -	4123	6576	1	5	3	1	-	-	-	-	-	-	2	-	-	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warlingham and Farley in Gillingham sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chislehurst (pop. 134: 1, only the parish of Northaw in Hatfield sub-district; 186: 1, the whole of the Chigwell sub-district, except the parish of Throton (pop. 798); 188: 1, only the parish of Dagenham in Romford sub-district.

—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and
Rate of MORTALITY during the Week ending Saturday, 1st September 1877.

	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.			
LONDON	446,494	4,367,547	18·1	3·7	1511	484	260	24	21	33	6	20	22	181	57	264		
Inner LONDON -	78,080	3,533,484	18·3	3·8	1238	404	206	20	17	26	5	19	18	154	48	227		
Outer LONDON -	368,414	834,063	17·1	3·0	273	80	54	4	4	7	1	1	4	27	9	37		

Area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 14·902 miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 4,907 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH- RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
ITALY	429,535	July	21	-	200	24·2	Fevers 65; cholera 7.
FRANCE	644,405	"	24	-	663	53·5	Cholera 132; small-pox 9; remittent fever 230.
GERMANY	397,552	"	13	300	1085	141·9	Small-pox 83; fevers 158; chol. 96; dysentery 273.
AUSTRIA	1,988,806	August	30	-	910	23·8	Typhoid fever 29; diphtheria 32.
NETHERLANDS	67,829	"	25	37	29	22·3	—
SPAIN	188,609	"	25	113	78	23·4	Small-pox 1.
PRUSSIA	289,981	"	25	192	126	22·1	Typhus and typhoid fever 2.
RUSSIA	136,231	"	25	118	66	25·2	Typhus and typhoid fever 1.
IRELAND	104,095	"	25	80	44	21·9	Typhus and typhoid fever 1.
SWEDEN	215,000	"	28	123	87	21·1	Diarrhoeal diseases 18.
NORWAY	146,845	"	18	-	80	28·3	Typhoid fever 2.
FINLAND	79,000	"	25	52	30	19·8	Whooping-cough 3.
PETERSBURGH	669,741	July	28	-	457	35·5	Fevers 29; small-pox 2; scarlet fever 12.
VIENNA	997,269	August	11	766	680	35·4	Diarrhoeal diseases 208; scar. fev. 17; typhus 22.
BUDAPEST	393,538	"	11	-	223	29·6	—
BERLIN	202,295	"	18	-	-	-	—
PARIS	246,813	"	25	215	188	38·0	Diarrhoeal diseases 52.
BRUSSELS	209,000	"	25	181	127	31·0	Diarrhoeal diseases 38; diphtheria and croup 3.
AMSTERDAM	714,548	"	25	486	321	23·4	Small-pox 5; diphtheria 9.
PRAGUE	315,401	"	18	277	250	41·2	Diarrhoea 71; typhus 10; diphtheria 4.
BOLOGNA	278,607	"	18	137	107	19·9	Small-pox 5; diphtheria and croup 4.
GENOVA	454,948	"	12	-	194	22·2	Typhus 5; diphtheria 3.
TRIESTE	223,488	"	18	138	92	21·3	Typhoid fever and typhus 5; wh. cough 4.
VENICE	139,796	"	18	61	71	26·4	Typhoid fever 6; diphtheria and croup 2.
COLOGNE	212,034	"	18	162	158	38·9	Whooping-cough 9.
NEW YORK	1,077,228	"	4	-	650	31·4	Scarlet fev. 10; diph. 11; diarrhoeal diseases 212.
BOSTON	527,830	"	4	-	273	26·9	Scarlet fev. 14; diph. 18; diarrhoeal diseases 101.
PHILADELPHIA	850,856	"	11	-	373	22·9	Scar. fev. 7; typhd. fev. 8; Infantile cholera 67.
CHICAGO	363,000	"	4	-	185	26·5	Diphtheria 3; diarrhoeal diseases 71.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 1st SEPTEMBER, 1877.
[Under the Superintendence of the Astronomer Royal.]

MOON.		READINGS OF THERMOMETERS.										DIFFERENCE				WIND.					RAIN.					
		BARO-METER.		Dry		Dew Point.	Highest in the sun, as shown by a self-registering thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest in the sun, as shown by Grass, as a self-registering thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between Dew Point and Air Temperature.		Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	As deduced from Anemometers.		Osler's.		Amount of Horizontal Movement of Air of each day.	Departure from Average of 16 years.							
Phases of Moon.		Mean daily reading (corrected and reduced to 32° Fahr. height).	High-est.	Low-est.	Range in day.	Mean daily value.	Mean daily value.	Mean daily value.	Highest.	Lowest.	Mean Great-est.	Least.	Degree of Humidity, complete Saturation being represented by 100.	General Direction.	A. M.	P. M.	Great-est.	Least.	Mean of 24 Hrs.	Miles.	lbs.	lbs.	lbs.	Miles.	Inches	
1877.																										
MONTH AND DAY.																										
AUGUST.																										
SUN. . 26	In Equator	29.609	68.5	57.0	11.5	61.5	54.3	108.8	55.0	66.1	64.3	7.2	10.6	0.2	0	1.1	77	SW. WSW. & WNW.	W. WSW. & SW.	6.1	0.0	0.5	365	+135	0.17	5.0
MON. . 27	..	29.716	70.0	56.8	13.2	62.7	60.5	99.2	55.0	65.3	63.9	2.2	7.4	0.0	0	2.4	93	SSE. SW. & WSW.	WSW.	5.0	0.0	1.1	469	+235	0.08	8.7
TUES. . 28	..	29.557	71.6	58.8	12.8	62.8	55.8	124.3	53.0	65.3	63.9	7.0	13.9	0.4	0	2.6	73	WSW.	WSW.	13.7	0.0	2.2	573	+327	0.04	9.0
WED. . 29	..	29.805	73.3	53.0	20.3	61.4	51.3	130.8	49.5	65.3	63.8	10.1	20.1	0.2	0	1.3	69	WSW. & WNW.	WSW. SW. & SSW.	0.4	0.0	0.0	228	- 32	0.00	2.3
THURS. . 30	..	29.678	69.0	52.8	16.2	58.0	52.7	118.3	49.8	65.3	63.5	5.3	14.4	1.0	0	2.0	83	SW.	SW.	4.8	0.0	0.5	347	+ 87	0.13	4.7
FRI. . 31	Last Quarter	29.723	68.3	50.2	18.1	56.9	45.1	133.1	43.7	64.3	63.1	11.8	22.3	2.7	0	2.9	65	SW. & WSW.	WSW. & W.	8.0	0.0	1.0	424	+164	0.00	6.5
SEPT. . 1	..	29.915	66.5	43.2	23.3	52.9	42.8	122.2	36.1	64.3	61.3	10.1	21.2	0.4	0	6.5	69	W. & WNW.	WSW. & SW.	0.7	0.0	0.1	229	- 29	0.00	0.0
MEANS .		29.715	69.6	53.1	16.5	59.5	51.8	119.5	48.9	65.1	63.4	7.7	15.7	0.7	0	0.6	76	WSW.		..	..	..	Sum 2635	+887	Sum 0.42	5.2
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873. *In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and - "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The readings of the barometer, thermometer, and hygrometer, from 29.35 in. at the beginning of the week to 29.915 in. at the end, are as follows:—

Barometer	29.35	29.55	29.71	29.80	29.91
Thermometer	68.5	70.0	71.6	73.3	69.0
Hygrometer	57.0	56.8	58.8	53.0	52.8

DATE.		Electricity.		Sun above Horizon, in hours.		Registered Sunshine, in hours.		Sun above Horizon, in hours.	
AUGUST.									
SUNDAY .	26			1.5	13.9	1.5	13.9	Rain fell in early morning hours; generally fine but cloudy during the remainder of the day; heavy rain after 11h. P.M.	
MONDAY .	27			0.0	13.8	0.0	13.8	Overcast. Occasional rain.	
TUESDAY .	28			5.6	13.8	5.6	13.8	Partially cloudy; showery.	
WEDNESDAY	29	The electrical apparatus was out of action throughout the week.		6.3	13.7	6.3	13.7	Fine; partially cloudy.	
THURSDAY .	30			4.2	13.7	4.2	13.7	Cloudy; showery.	
FRIDAY .	31			10.4	13.6	10.4	13.6	Fine; partially cloudy till evening; cloudless at night.	
SEPT. . 1				9.8	13.5	9.8	13.5	Fine; partially cloudy.	
Sum				37.3	96.0	37.3	96.0		

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, SEPT. 8. [Price 1½d.

*General Register Office, Somerset House,
10th September, 1877.*

UNITED KINGDOM.

During last week 5719 *births* and 3172 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2547. The mortality from all causes was at the average rate of 20 deaths annually in every 1000 persons living. The annual death-rate was 20 per 1000 in Edinburgh, 19 in Glasgow, and 27 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS ranged in order from the lowest, were as follow:—Portsmouth 14, Brighton 15, Birmingham 16, London 17, Leeds 18, Oldham 19, Bristol 22, Sheffield 22, Newcastle 23, Wolverhampton 23, Salford 24, Manchester 24, Norwich 24, Liverpool 24, Sunderland 25, Birmingham 25, Liverpool 27, Plymouth 30, and the rate 32 in Leicester. The annual death-rate from the seven principal diseases was equal to 9·9 and 11·6 in Norwich and Leicester. The high rates from zymotic diseases in Norwich and Leicester were due to the unusual fatality of diarrhoea. Scarlet fever continues to show fatal epidemic character in Wolverhampton; 10 deaths were referred to this disease within the last week. Small-pox caused only 11 deaths in the twenty towns, of which 7 in London, and 3 in Liverpool.

LONDON.

LONDON 2356 BIRTHS and 1180 DEATHS were registered. Allowing for the increase of population, the births exceeded by 64, whereas the deaths were so many below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the three preceding weeks had been equal to 19·3, 18·6, and 18·3 per 1000, further declined last week to 17·4. During the past ten weeks of the current quarter the death-rate has averaged 19·7, against 21·8 and 22·9 in the corresponding periods of 1875 and 1876. The 1180 deaths included 8 from small-pox, 23 from measles, 17 from scarlet fever, 19 from diphtheria, 19 from whooping-cough, 21 from different forms of fever, and 87 from diarrhoea; thus to the seven principal diseases of the zymotic class 182 deaths were referred, against 346, 260, and 259 in the three preceding weeks. These 182 deaths were 186 below the corrected average number from the same causes in the corresponding week of the last ten years. The 23 fatal cases of small-pox slightly exceeded the numbers in recent weeks, and included 4 in Pancras, 17 in Marylebone, and 3 in Deptford. Of the 17 deaths from scarlet fever, 9 less were returned in the previous week, 2 occurred in Clerkenwell, 3 in Bethnal Green, 1 in Mile End Old Town, and 3 in Newington. Two deaths from diphtheria were registered in Marylebone. The 21 deaths referred to fever were 14 below the average weekly number, but exceeded by three those returned in the previous week; 2 were certified as typhus, 17 as enteric or typhoid, and 2 as continued fever. The 2 fatal cases of typhus were recorded at 5, Eaton Place, Kensington; and at 29, Appian Road, Bow. The 87 deaths from diarrhoea were less than those in the previous week, and were 96 below the corrected average. 16 deaths were also referred to simple cholera or choleraic diarrhoea. The deaths from small-pox, which had been 21, 11, and 20 in the three previous weeks, declined last week to 8, a smaller number than in any week since September 1876: of the 8 last week, one occurred in the Stockwell Small-pox Hospital, and was admitted from Camberwell; the 7 other fatal cases occurred in private houses, and included 2 in Mile End Old Town, and one each in Chelsea,

Westminster, Kentish Town, Clerkenwell, and Bethnal Green. Of the 8 fatal cases of small-pox, 2 were certified as unvaccinated, 2 as vaccinated, and in the 4 other cases the medical certificates did not give any information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals at Homerton, Stockwell, Hampstead, and Fulham, were 206 on Saturday last, against numbers declining from 964 to 245 in the fifteen preceding weeks. The new cases admitted to these hospitals during the week were 24, against 42 and 36 in the two previous weeks. The Small-pox Hospital at Deptford is now closed. The number of patients in the Highgate Small-pox Hospital, which had been 31 and 26 in the two preceding weeks, further declined to 19 last week.

Of the five deaths referred to puerperal fever last week, 3 occurred in South London, including 2 in the General Lying-in Hospital in York Road, Lambeth. In this hospital 155 births, and 13 deaths of puerperal women have been registered since the beginning of this year, showing a mortality equal to 84 per 1000 children born alive. The hospital will now be closed for six months.

Different forms of violence caused 48 deaths; 39 were the result of negligence or accident, including 9 from fractures and contusions, 2 from burns and scalds, 9 from drowning, 2 from poison, and 12 of infants under one year of age from suffocation. The 9 deaths from fractures and contusions were thus caused: male 42, fell from a cart; male 45, fracture of thigh by railway truck; female 62, fell down area steps; male 41, fell into dry dock; male 47, fell whilst in an apoplectic fit; male 23, fell whilst intoxicated; male 30, fractured skull (how fractured not stated); male 31, epilepsy after fractured skull; female 63, "probably concussion of brain." Inquests were held in all these nine cases, but the two last mentioned of which the first was certified by a registered medical practitioner, and the last was referred by the registrar to the coroner, who pronounced an inquest to be unnecessary, the result being that the cause of death was entered in the register as "probably concussion of brain," without any satisfactory corroborative evidence of this statement of the informant.

GREATER LONDON.

In Greater London 2911 births and 1423 deaths were registered, equal to annual rates of 34·8 and 17·0 per 1000 of the population. In the Outer Ring, one death from small-pox was registered in West Ham, and two deaths were referred to diphtheria in Croydon.

Dr. Frankland reports as the result of his analysis of the waters supplied to the Metropolis and some of its suburbs during August, that taking unity to represent the average amount of organic impurity in a given volume of the Kent Company's water during the last nine years, the proportional amount of such impurity in an equal volume of water supplied by each of the other Companies, and by the Tottenham Local Board, was:—Colne Valley 0·4, Tottenham 0·5, Kent (Deptford Wells) 1·0, New River 1·4, East London 2·0, West Middlesex and Lambeth 2·2, Kent (Plumstead Well) 2·3, and Chelsea, Southwark, and Grand Junction 2·4. With the exception of the New River, the waters drawn from the Thames and Lea, although equal in quality to the average summer standard, were not so unusually good as those supplied during the previous month. With the exception of the Lambeth Company's water, which was slightly turbid when drawn from the main, the waters were delivered in an efficiently filtered condition. Dr. Frankland draws attention to the exceedingly abundant supply of water yielded by the wells sunk into the chalk outside the London clay, as compared with those sunk through the clay within London, which yield an entirely different, though excellent water.

Dr. Hill reports that the water supplied to Birmingham showed "a slight increase in organic and other nitrogen, the former doubtless owing to defective filtration; it was turbid, greenish yellow, and contained infusoria." The water supplied to Glasgow from Loch Katrine contained "muddy particles, and a slight amount of fibrous matter."

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 27, Bombay 52; Paris 23; Geneva 25; Brussels 19; Amsterdam 25, Rotterdam 18, The Hague 22; Copenhagen 20; Stockholm 29; Christiania 20; St. Petersburg 30; Berlin 33, Hamburg 25, Dresden 26, Breslau 38, Munich 36; Vienna 24; Buda-Pesth 42, Rome 22, Venice 30; Alexandria 52; New York 30, Brooklyn 27, Philadelphia 21, and Boston 25.

METEOROLOGY.

Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·84 in., the lowest reading was 29·49 in. on Monday morning, and the highest 30·18 in. on Tuesday. The mean temperature of the *air* was 53°·5, and 5°·2 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was considerably below the average on each day of the week; the coldest day was Monday, when the mean was only 51°·6, showing a deficit of 7°·5. The lowest night temperature was 40°·1 on Wednesday, and the highest day temperature in the shade 69°·4 on Sunday; the extreme range in the week was, therefore, 29°·3. The highest temperature in the sun, as shown by a self-registering thermometer with a glass bulb in *vacuo* placed on the grass, was 129°·6 on Sunday. The difference between the *dew-point* and *air* temperature averaged 9°·1. The mean temperature of the water in the River Thames, derived from daily observations taken at the “Royalist” Police Ship, was 61°·3. The degree of *humidity* of the *air* was 72, complete saturation being represented by 100; the *air* was therefore dry. The direction of the *wind* was variable, and the horizontal movement averaged 9·6 miles per hour, which was 1·2 below the average in the corresponding week of the 60 years. *Rain* fell on two days of the week to the aggregate amount of 0·78 of an inch. The duration of registered sunshine in the week was 37·7 hours, the sun being above the horizon for 16 hours.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of August 1877; according to their returns 134,068,057 gallons or 609,133 cubic metres of water (about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 250 gallons (1000 litres) rather more than a *ton* by weight, to each house, and 35·2 gallons (16·0 decalitres) against a corresponding number of gallons during August 1876.

COMPANIES.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for do- mestic consumption) during the Month of	
	AUGUST 1876.	AUGUST 1877.	AUGUST 1876.	AUGUST 1877.
TOTAL SUPPLY	529,050	536,183	132,035,055	134,068,057
Companies	249,052	251,810	67,150,729	66,879,519
Lea and from other Sources	279,998	284,373	64,884,326	67,188,538
THAMES.				
New River	28,675	28,741	8,729,200	9,433,500
Grand Middlesex	48,387	49,621	11,915,532	10,868,645
Southwark and Vauxhall	80,570	78,720	19,850,000	19,400,000
Grand Junction	36,616	37,683	12,496,397	12,237,074
Lambeth	54,804	57,045	14,159,600	14,940,300
LEA AND OTHER SOURCES.				
New River	124,652	125,749	29,274,000	29,515,000
London	110,354	113,192	27,170,520	29,583,448
Other Sources	44,992	45,432	8,439,806	8,090,090

The Return for August 1877, as compared with that for the corresponding month of 1876, shows an increase of 7,133 houses, and of 2,033,002 gallons of water supplied daily.

ANALYSIS OF METROPOLITAN WATER SUPPLY DURING AUGUST.

Royal College of Chemistry, South Kensington Museum,
7th September 1877.

I HAVE to report to you in the following Table the results of the chemical analysis of the water supplied to the inner, and portions of the outer, circle of the Metropolis during the month of August.

I have also, the results obtained in the analyses of the water supplied to Birmingham and Leeds by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Mr. Stirling of Glasgow.

The average amount of organic impurity contained in a given volume of the Kent water during the last nine years as unity, the proportional amount in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health was:—Colne Valley 0·4, Tottenham 0·5, Kent (Deptford Wells) 1·0, New River, East London 2·0, West Middlesex and Lambeth 2·2, Kent (Plumstead Well) 2·3, New River, Southwark, and Grand Junction 2·4.

With the exception of the New River, the waters drawn from the Thames and Lea did not differ in August the remarkably good quality which they possessed in July; nevertheless they were up to the average summer standard; and, with one exception, were delivered in an efficient condition. The exception was the Lambeth Company's water, which was slightly inferior when drawn from the main.

The water supplied from artesian wells to the inner circle by the Kent Company, and to the outer by the Kent and Colne Valley Companies, and the Tottenham Local Board of Health, is pure, wholesome, and of most excellent quality for dietetic purposes. The Colne Valley water is also soft and therefore well adapted for washing. These wells are sunk into the chalk of the London clay, and their yield of water is exceedingly abundant when compared with

that of the artesian wells within London, which are sunk through the clay and furnish an entirely different, though excellent, water.

The Kent Company's water from Plumstead well was very turbid from rust of iron, and the Colne Valley water was slightly turbid from minute particles of chalk.

Seen through a stratum two feet deep, the Kent (Deptford and Plumstead, after subsidence), Colne Valley (after subsidence), New River, and Tottenham waters were clear and colourless; the Chelsea, West Middlesex, and East London, clear and very pale yellow; and the Southwark, Grand Junction, and Lambeth (after subsidence), clear and pale yellow.

Dr. Hill, the Medical Officer of Health for Birmingham, reports that the water supplied to that town, showed "a slight increase in organic and other nitrogen, the former doubtless owing to defective filtration." It was "turbid, greenish yellow, and contained infusoria."

Dr. Mills, F.R.S., of the Andersonian University, Glasgow, reports that the water supplied to that city from Loch Katrine was "very pale brown. It contained muddy particles and a slight amount of fibrous matter."

The Registrar General, &c. &c.

I am, &c.

E. FRANKLAND.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

COMPANIES OR LOCAL AUTHORITIES.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Mat- ters.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Ni- trates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES:	°								
	Chelsea - - - { 7th August, Cab Rank, Horse Guards. }	18·8	21·20	·112	·031	0	·137	·168	1·75	13·4
	West Middlesex - { 7th August, Cab Rank, Portland-road. }	19·8	26·00	·105	·023	0	·145	·168	1·60	19·4
	Southwark and Vauxhall - - { 7th August, Cab Rank, St. George's Church, Borough. }	20·0	26·10	·121	·019	0	·147	·166	1·60	19·1
	Grand Junction - { 7th August, Lancaster-gate, Hyde Prk. }	17·8	26·68	·114	·025	0	·170	·195	1·55	20·1
	Lambeth - - - { 7th August, Cab Rank, Westminster Bridge-road. }	18·8	27·60	·109	·018	0	·203	·221	1·65	20·1
	OTHER SOURCES:									
	New River - - { 7th August, Cab Rank, Tottenham-court-road. }	19·8	25·40	·075	·006	0	·175	·181	1·55	19·7
	East London - { 7th August, Royal Hotel, Mile-End-rd. }	19·3	25·10	·103	·015	0	·137	·152	1·70	19·0
	Kent (Deptford Wells) - - { 9th August, Deptford Bridge Police Station. }	13·3	42·60	·050	·010	0	·476	·486	2·60	23·4
Outer Circle.	Kent (Plumstead Well) - - { 10th August, Woolwich Arsenal Rail- way Station. }	16·3	51·40	·104	·033	0	·443	·476	4·75	30·6
	Colne Valley - { 9th August, Bushey. }	13·3	12·20	·021	·005	0	·343	·348	1·50	5·0
	Tottenham Local Board - - { 16th August, High Street, Tottenham. }	—	46·10	·019	·008	0	·436	·444	3·30	25·3
Corporation of Birmingham* - - - { 10th August, 2 Court, Church-street. }		18·3	24·20	·216	·051	·001	·206	·258	2·00	10·7
Corporation of Glasgow † - { 13th August, Loch Katrine service. }		13·9	3·40	·168	0	0	·004	·004	·73	·7
Column 1.		3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the Borough.

† Analysed by Dr. E. J. Mills, F.R.S., of the Andersonian University, Glasgow.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, all relate to 100,000 parts of the waters. The Table is to be read thus: the Chelsea Company's water, collected on the 7th August at the Horse Guards cab-rank, had a temperature of 18°·8 C.; 100,000 lbs. of it contained 21·20 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·112 lb. of carbon and ·031 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·137 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·168 lb. The above weight of water also contained 1·75 lb. of chlorine; and 15·4 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 8th September 1877.

	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 8th September 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
the } DOM }	212,881	8,144,940	38·3	5719	3172	69·4	34·2	51·3	10·73	1·01	2·57
-	75,362	3,533,484	46·9	2356	1180	69·4	40·1	53·5	11·95	0·78	1·98
-	2,354	102,264	43·4	53	29	66·0	43·3	53·0	11·67	0·63	1·60
-	4,486	127,144	28·3	74	35	65·0	43·7	53·2	11·78	1·34	3·40
-	7,472	84,023	11·2	69	39	66·5	42·0	53·2	11·78	1·70	4·32
-	1,395	72,911	52·3	49	42	63·5	39·0	52·0	11·11	0·72	1·83
-	4,452	202,950	45·6	126	85	66·6	34·2	49·8	9·89	1·35	3·43
ON -	3,396	73,389	21·6	51	32	60·7	39·3	49·1	9·50	1·27	3·23
-	8,400	377,436	44·9	318	184	-	-	-	-	-	-
-	3,200	117,461	36·7	86	71	64·5	39·2	50·5	10·28	0·67	1·70
-	1,996	95,025	47·6	43	30	65·2	36·9	50·8	10·45	0·94	2·39
-	5,210	527,083	101·2	386	275	59·5	42·5	50·5	10·28	1·60	4·06
-	4,293	359,213	83·7	281	166	-	-	-	-	-	-
-	5,170	141,184	27·3	148	64	63·1	34·4	48·0	8·89	0·98	2·49
-	4,666	89,796	19·2	82	32	-	-	-	-	-	-
-	7,220	179,315	24·8	161	84	62·0	42·0	50·4	10·22	1·51	3·84
-	21,572	298,189	13·8	233	105	63·0	43·0	51·0	10·56	1·58	4·01
-	19,651	282,130	14·4	207	119	62·6	41·5	49·8	9·89	1·65	4·19
-	3,635	140,002	38·5	97	60	-	-	-	-	-	-
-	3,306	110,382	33·4	108	52	63·0	46·0	54·2	12·33	0·54	1·37
TYNE	5,371	142,231	26·5	103	62	-	-	-	-	-	-
-	4,191	218,729	52·2	130	64	61·5	40·5	50·4	10·22	0·45	1·14
-	6,033	555,933	92·1	379	198	59·5	33·0	50·6	10·34	0·43	1·09
-	10,050	314,666	31·3	179	164	67·2	36·5	53·5	11·95	0·08	0·20

the Meteorological Observers in the several towns, see note at foot of Table 4.
for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The Dublin is taken as stationary at the number enumerated in April 1871.

DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population 6,612 persons, and in DUBLIN, during the Week ending Saturday the 8th September 1877.

No.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from											
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhea.	Violence.				
-	20·3	4·5	2746	916	441	11	41	54	10	74	48	373	100	178	378		
-	17·4	2·7	1180	349	212	8	23	17	7	19	21	87	48	92	217		
-	14·8	4·1	29	10	7	-	-	-	-	1	1	6	1	1	2		
-	14·4	4·5	35	12	10	-	-	-	-	3	-	8	-	-	1		
-	24·2	9·9	39	22	7	-	-	-	-	-	3	13	1	1	2		
-	30·1	7·2	42	11	11	-	-	2	-	-	1	7	1	2	1		
-	21·9	4·1	85	21	16	-	6	-	-	4	2	4	6	8	19		
ON -	22·7	7·8	32	7	2	-	-	10	-	-	-	1	-	1	3		
-	25·4	9·0	184	78	25	-	2	5	2	5	3	48	6	8	20		
-	31·5	11·6	71	37	8	-	-	1	-	1	-	24	2	3	7		
-	16·5	2·8	30	8	7	-	-	-	-	-	-	5	3	4	5		
-	27·2	9·1	275	90	32	3	5	5	-	22	4	53	6	7	33		
-	24·1	5·2	166	45	28	-	1	6	1	5	3	20	3	13	25		
-	23·7	6·7	64	22	9	-	-	1	-	1	3	13	2	5	12		
-	18·6	2·3	32	6	4	-	-	-	-	1	1	2	6	7	1		
-	24·4	3·2	84	30	10	-	-	-	-	1	1	9	2	9	8		
-	18·4	4·0	105	39	15	-	-	-	-	4	2	17	1	4	4		
-	22·0	5·4	119	45	16	-	2	3	-	4	3	17	4	3	8		
-	22·4	7·8	60	34	7	-	1	-	-	2	-	18	1	2	6		
-	24·6	7·1	52	21	9	-	-	4	-	-	-	11	1	1	1		
TYNE	22·7	4·4	62	29	6	-	1	-	-	1	-	10	6	7	3		
-	27·2	4·0	164	31	33	-	5	5	-	1	4	9	6	4	45		

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the THIRTY-SIXTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2038	1995	2127	1884	2055	2190	2248	2211	2288	2384	2142·0	2356
Males . .	1064	991	1069	1003	1027	1131	1131	1130	1172	1266	1098·4	1184
Females . .	974	1004	1058	881	1028	1059	1117	1081	1116	1118	1043·6	1172
TOTAL Deaths	1283	1352	1601	1322	1422	1236	1286	1209	1492	1231	1343·4	1180
Males . .	657	684	773	687	727	605	688	634	794	667	691·6	615
Females . .	626	668	828	635	695	631	593	575	698	564	651·8	565

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867-76 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	June 16.	June 23.	June 30.	July 7.	July 14.	July 21.	July 28.	Aug. 4.	Aug. 11.	Aug. 18.	Aug. 25.	Sept. 1.	Sept. 8.
TOTAL Deaths - - -	1315	1271	1300	1322	1449	1438	1430	1439	1293	1309	1261	1288	1180
0-20 - - -	663	632	609	691	795	788	789	778	725	739	694	657	579
20-40 - - -	180	188	205	189	182	174	190	189	161	152	177	198	181
40-60 - - -	218	217	249	206	217	225	206	224	192	207	186	177	203
60-80 - - -	207	199	196	194	223	202	206	222	176	191	175	174	178
at 80 years & upwds.	47	35	41	42	32	49	39	26	39	20	29	32	34
Deaths of { Under 1 year -	287	306	275	378	447	498	464	461	439	440	432	404	349
children { 1-5 - - -	260	222	224	207	227	192	199	239	209	211	166	176	153
{ 5-20 - - -	116	104	110	106	121	98	126	78	77	88	96	77	72
Deaths from 7 principal Zymo- tic Diseases -	218	210	223	244	324	332	338	315	300	346	260	259	182
" " Smallpox - - -	55	44	44	23	32	35	27	22	20	21	11	20	8
" " Measles - - -	61	42	45	44	28	42	51	51	43	49	29	17	23
" " Scarlet Fever - -	14	14	24	18	21	19	25	15	21	24	24	26	17
" " Diphtheria - - -	7	7	6	9	7	6	4	8	6	12	2	5	7
" " Whooping-cough -	38	35	28	35	46	36	23	21	29	18	17	19	19
" " Typhus fever - - -	4	5	6	6	1	2	2	2	2	1	1	5	2
" " Enteric (or Typhoid) fever -	9	12	15	10	14	15	15	13	10	20	14	12	17
" " Simple Cont ^a fever -	3	5	5	3	6	4	7	7	3	7	4	1	2
" " Diarrhœa - - -	27	46	50	96	169	173	184	176	166	194	158	154	87
" " Simple Cholera - -	-	2	2	6	14	9	9	8	5	3	7	7	6
" " Dis. of Respiratory Organs -	199	166	162	144	159	181	169	144	117	125	124	108	111
" " Phthisis - - -	163	161	198	176	159	149	153	166	129	141	151	148	154
" " Heart Diseases - -	67	67	77	62	76	76	84	81	66	66	61	71	69
Violent Deaths - - -	76	62	52	56	60	42	44	49	38	44	58	48	48
Inquest Cases - - -	116	94	86	86	96	75	89	99	66	75	89	79	92
Deaths in Public Institutions	275	272	281	255	271	265	245	239	220	221	218	227	217
TEMPERATURE OF THE AIR:													
Mean - - -	62·2	63·3	61·6	58·2	61·1	59·1	60·8	63·3	62·5	63·7	62·0	59·5	53·5
Mean of Highest readings -	75·1	77·6	76·8	71·6	73·9	69·0	71·3	76·5	73·5	76·3	73·0	69·6	65·2
Mean of Lowest readings -	51·7	51·5	50·0	48·9	50·7	53·0	53·4	53·8	54·6	55·0	53·6	53·1	44·3
Mean Temperature of the Water of the Thames -	64·3	67·3	65·6	65·8	64·6	64·3	64·2	66·2	65·8	66·3	66·7	64·3	61·3
Humidity of the Air - -	72	63	61	71	71	76	80	69	72	74	70	76	72
Rain-fall in inches - -	0·41	0·01	0·01	0·63	0·37	0·84	0·60	0·09	0·71	0·01	1·67	0·42	0·78
Registered Sunshine (in hours)	68·9	67·0	58·4	46·0	40·5	37·8	21·7	46·6	34·6	39·1	41·5	37·8	37·7

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Pilliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-SIXTH Week of the Year 1877.

In the Week ending Saturday, September 8, 1877.										In the Week ending Saturday, September 8, 1877.									
Deaths of Persons of the Ages										Deaths of Persons of the Ages									
ALL AGES.										ALL AGES.									
Under 20.										Under 20.									
Mean Tem.										Mean Tem.									
0-1.										0-1.									
1-5.										1-5.									
5-20.										5-20.									
20 and under 40.										20 and under 40.									
40 and under 60.										40 and under 60.									
60 and under 80.										60 and under 80.									
80 Years and upwards.										80 Years and upwards.									
Average in the Thirty-sixth Weeks of the 10 years 1867-76.										Average in the Thirty-sixth Weeks of the 10 years 1867-76.									
60° 5										60° 5									
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person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, &c., during the Week ending—

REGISTRATION SUB-DISTRICTS.				Enu- me- rated Popu- lation, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
							Deaths of		Deaths from											
							Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Unnatural Causes.	Unnatural Causes.
LONDON - - -				3,254,260	2356	1180	349	212	8	23	17	7	19	2	17	2	87	48	99	20
WEST DISTRICTS - - -				561,359	356	192	54	40	2	2	2	3	1	-	2	-	14	5	11	11
NORTH DISTRICTS - - -				751,729	511	245	70	51	1	7	1	3	7	1	4	1	20	3	19	24
CENTRAL DISTRICTS - - -				334,369	186	119	31	15	1	2	2	-	-	-	3	-	9	8	13	13
EAST DISTRICTS - - -				639,111	458	254	82	32	3	6	7	1	4	1	5	1	16	16	28	40
SOUTH DISTRICTS - - -				967,692	845	370	112	74	1	6	5	-	7	-	3	-	28	16	21	21
WEST DISTRICTS.																				
St. Mary Paddington WH - - -				58728	51	22	9	6	-	1	-	-	-	-	-	-	4	1	1	1
St. John Paddington H - - -				38085	21	14	-	5	-	-	-	-	-	-	-	-	-	2	3	3
Kensington Town W - - -				91645	57	24	9	5	-	-	-	-	-	-	-	-	5	-	-	-
Brompton H - - -				28654	16	8	2	3	-	-	-	-	-	-	-	-	-	-	-	-
St. Peter Hammersmith - - -				6662	6	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith H - - -				36029	35	10	4	1	-	-	-	1	-	-	-	-	-	-	-	-
Fulham WvH - - -				23350	19	10	1	1	-	-	-	-	-	-	-	-	1	-	-	-
Chelsea South HHH - - -				26420	17	9	4	2	-	-	-	-	-	-	-	-	1	-	-	-
Chelsea North-west WHHHH - - -				22926	16	10	1	-	1	-	1	-	-	-	-	-	-	-	-	-
Chelsea North-east - - -				21392	26	11	6	1	-	-	-	-	1	-	-	-	-	-	-	-
Hanover Square H - - -				18698	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
May Fair WW - - -				13358	2	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Belgrave HH - - -				57972	36	20	5	6	-	-	-	1	-	-	-	-	1	1	1	1
St. John Westminster HH - - -				38478	17	21	7	2	-	1	1	-	-	-	1	-	2	-	-	-
St. Margaret Westminster WH - - -				27781	14	7	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Golden Square WH - - -				12860	7	6	2	1	1	-	-	-	-	-	-	-	-	-	-	-
Berwick-street H - - -				20759	5	6	1	-	-	-	-	1	-	-	1	-	-	1	1	1
St. Anne Soho HHHHH - - -				17562	8	4	1	1	-	-	-	-	-	-	-	-	-	1	1	1
NORTH DISTRICTS.																				
All Souls Marylebone HHHH - - -				28579	14	12	3	1	-	1	-	2	1	-	1	-	-	1	1	1
Cavendish Square HH - - -				15425	6	3	1	1	-	-	-	-	-	-	-	-	1	-	-	-
Rectory Marylebone WH - - -				26384	14	17	5	5	-	2	-	-	-	-	-	-	-	-	-	-
St. Mary Marylebone HHH - - -				21786	22	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch Marylebone H - - -				33944	23	9	2	3	-	-	-	-	1	-	-	-	1	-	-	-
St. John Marylebone H - - -				33136	16	8	3	1	-	-	-	-	-	-	-	-	-	-	-	-
Hampstead WvHH - - -				32281	21	3	2	-	-	-	-	-	-	-	-	-	1	-	-	-
Regent's Park Pancras - - -				38200	14	8	2	3	-	1	-	-	-	-	-	-	1	-	-	-
Tottenham-court vHHH - - -				29370	15	17	5	4	-	-	-	-	-	-	-	1	2	-	-	-
Gray's Inn Lane HHH - - -				29221	10	8	1	2	-	1	-	-	-	-	-	-	1	-	-	-
Somers Town - - -				38533	23	6	-	1	-	-	-	-	-	-	-	-	1	-	-	-
Camden Town WH - - -				17943	14	10	4	4	-	-	-	-	-	-	-	-	1	-	-	-
Kentish Town w - - -				68198	49	27	3	4	1	2	-	-	1	-	1	-	2	-	-	-
Islington West HHH - - -				97820	78	30	12	1	-	-	1	-	2	-	1	-	2	-	-	-
Islington East WvvhH - - -				115958	82	39	11	11	-	-	-	-	1	-	1	-	2	1	1	1
Stoke Newington H - - -				9841	8	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Stamford Hill - - -				6598	8	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney - - -				28069	26	7	3	1	-	-	-	-	-	-	-	-	1	-	-	-
Hackney WvvhL - - -				50104	41	25	6	6	-	-	-	1	-	-	-	-	4	1	1	1
South Hackney - - -				30339	27	10	3	1	-	-	-	-	-	1	-	-	1	-	-	-
CENTRAL DISTRICTS.																				
St. George Bloomsbury - - -				17853	12	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles South WH - - -				19109	18	12	-	2	-	1	-	-	-	-	2	-	1	-	-	-
St. Giles North - - -				16594	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Long Acre - - -				11379	9	5	2	-	-	-	-	-	-	-	1	-	-	-	-	-
Charing Cross HH - - -				9859	1	2	1	-	-	-	-	-	-	-	-	-	-	1	1	1
St. Mary-le-Strand - - -				9378	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes H - - -				10723	7	10	2	2	-	-	-	-	-	-	-	-	1	-	-	-
St. George-the-Martyr HHHHH - - -				20521	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Eastern W - - -				13529	4	11	3	4	-	-	-	-	-	-	-	-	-	1	2	2
Saffron Hill H - - -				9066	5	2	2	-	-	-	-	-	-	-	-	-	1	-	-	-
St. James Clerkenwell W - - -				18917	15	5	3	-	-	-	-	-	-	-	-	-	2	1	1	1
Amwell Clerkenwell - - -				16384	13	10	1	-	1	1	1	-	-	-	-	-	1	1	1	1
Pentonville - - -				13337	4	3	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Goswell-street - - -				16242	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Old-street H - - -				12161	12	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
City-road HHL - - -				18301	29	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Whitecross-street - - -				13792	12	7	4	-	-	-	-	-	-	-	-	-	3	-	-	-
Finsbury - - -				10741	4	3	3	-	-	-	-	-	-	-	-	-	1	-	-	-
St. Botolph East London H - - -				14540	3	7	-	3	-	-	-	-	-	-	-	-	-	1	1	1
Cripplegate - - -				13638	4	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre H - - -				7562	3	13	2	-	-	-	-	-	-	-	-	-	-	1	1	1
St. Bride W - - -				11185	3	5	2	-	-	-	-	-	-	-	-	-	1	-	-	-
Castle Baynard - - -				4426	1	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - -				6270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - -				4753	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - -				5764	-	1	-	-	-	-	-	-	-	-	-	-	-	1	1	1
Broad-street H - - -				7845	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see column at the foot of next page.

THERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
September 1877.

ISTRATION DISTRICTS.	Enume- rated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													Deaths in Public Institutions.
				Deaths of		Deaths from											
				Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.	
DISTRICTS.																	
Blitch - - - - -	12430	1	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
reditch HL† - - -	16545	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
wn w - - - - -	27835	20	7	4	2	-	-	-	-	-	-	-	-	-	-	-	1
vn - - - - -	26933	21	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
VH - - - - -	43421	39	31	15	2	-	1	1	-	1	-	1	-	4	4	9	5
- - - - -	29822	19	13	5	4	-	-	-	-	1	-	-	-	-	-	-	-
Green WHL† - - -	42433	31	15	5	1	1	-	1	-	-	-	-	-	1	-	-	3
l Green - - - - -	26577	14	5	1	-	-	1	-	-	-	-	-	-	-	-	-	-
Green - - - - -	21272	16	4	2	-	-	1	2	-	-	-	-	-	-	-	-	-
- - - - -	22499	7	8	1	-	-	-	-	-	-	-	-	-	2	-	-	-
own W - - - - -	15550	8	11	5	1	-	-	-	-	-	-	-	-	1	1	1	6
orth - - - - -	11597	6	3	2	-	-	-	-	-	-	-	-	-	1	-	-	-
urch H - - - - -	7322	9	15	2	-	-	-	1	-	-	-	-	-	1	1	2	12
ds - - - - -	10381	5	2	1	-	-	-	-	-	1	-	-	-	-	-	-	-
- - - - -	9224	3	2	2	-	-	-	-	-	-	-	-	-	1	-	-	-
orge East - - - -	17900	10	3	2	-	-	-	-	-	-	-	-	-	-	3	3	-
orge East - - - -	21350	13	5	-	1	-	-	-	-	-	-	-	-	-	-	1	-
orge East W - - -	8802	2	9	1	1	-	-	-	-	-	-	-	-	-	-	-	3
- - - - -	11640	5	4	2	-	-	-	-	-	-	1	-	-	-	-	-	3
- - - - -	16131	6	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-
- - - - -	29919	23	5	-	2	-	1	-	-	1	-	-	-	-	1	1	-
own Western - - -	38128	31	18	7	4	1	-	1	-	-	-	1	-	-	-	-	-
own Eastern WwvH -	65024	46	25	6	3	1	1	1	-	-	-	-	-	2	-	-	5
- - - - -	67765	71	35	8	7	-	-	-	-	-	1	2	-	4	2	3	11
- - - - -	48611	46	22	7	3	-	-	-	-	-	-	1	-	-	4	8	-
DISTRICTS.																	
outhwark WH - - -	14573	5	8	2	1	-	1	-	-	-	-	-	-	-	-	-	2
outhwark H - - -	15677	8	8	2	1	-	-	-	-	-	-	-	-	1	-	-	-
- - - - -	20421	13	6	2	2	-	-	-	-	-	-	-	-	-	-	1	-
VH - - - - -	16695	17	3	1	-	-	-	-	-	-	-	-	-	-	-	-	1
HL - - - - -	18961	11	10	5	1	-	-	-	-	1	-	1	-	1	1	1	-
ton - - - - -	23682	22	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-
orth W - - - - -	48248	52	18	4	5	-	-	1	-	-	-	-	-	1	-	-	6
ington - - - - -	16792	9	3	-	-	-	-	2	-	-	-	-	-	-	-	-	-
wark H - - - - -	4373	1	19	1	1	-	-	-	-	-	-	-	-	-	2	3	15
ydown W - - - -	10500	5	4	2	1	-	-	-	-	-	-	-	-	2	1	1	-
- - - - -	16787	13	4	2	-	-	-	-	-	-	-	-	-	-	1	1	-
len W - - - - -	15709	18	10	2	3	-	-	-	-	1	-	-	-	1	-	-	3
ondsey - - - - -	47933	42	14	10	-	-	-	-	-	1	-	-	-	2	-	1	-
- - - - -	27096	27	7	2	3	-	-	-	-	1	-	-	-	-	-	-	1
1st H - - - - -	14074	11	4	1	1	-	-	-	-	-	-	-	-	-	-	-	1
2nd H - - - - -	18465	21	3	-	-	-	-	-	-	1	-	-	-	-	-	-	2
h 1st H - - - - -	19492	16	14	-	4	-	-	-	-	-	-	-	-	1	3	2	10
h 2nd WW - - - -	35833	37	20	3	5	-	-	1	-	-	-	-	-	2	1	3	6
- - - - -	41286	30	15	4	3	-	1	-	-	-	-	-	-	-	1	1	-
- - - - -	31221	33	7	2	2	-	1	-	-	-	-	-	-	2	-	-	-
- - - - -	35435	43	14	6	1	1	-	-	-	-	-	1	-	-	-	-	2
- - - - -	12536	6	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
- - - - -	27847	26	10	3	2	-	-	-	-	-	-	-	-	1	1	1	-
IL - - - - -	54016	66	20	7	3	-	-	-	-	-	-	-	-	2	-	1	2
- - - - -	19783	17	2	1	-	-	-	-	-	-	-	-	-	1	-	-	-
- - - - -	9439	5	3	1	-	-	-	-	-	-	-	-	-	-	1	-	-
- - - - -	14475	12	3	1	1	-	-	-	-	-	-	-	-	1	-	-	-
- - - - -	4041	3	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
L†L† - - - - -	31254	29	13	4	3	-	-	-	-	-	-	-	-	-	-	-	1
- - - - -	42160	43	17	7	4	-	-	-	-	-	-	-	-	1	-	-	-
berwell - - - - -	33851	30	7	1	3	-	-	-	-	-	-	-	-	-	-	-	-
ed w - - - - -	53714	52	18	8	6	-	3	-	-	1	-	-	-	2	-	-	-
otford - - - - -	6474	8	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
- - - - -	21034	17	12	4	1	-	-	-	-	1	-	1	-	4	-	-	-
WH - - - - -	19378	17	13	3	6	-	-	-	-	-	-	-	-	-	-	-	8
- - - - -	4539	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- - - - -	16440	10	7	-	3	-	-	1	-	-	-	-	-	-	-	3	2
ge WH - - - - -	11513	8	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-
- - - - -	19065	11	10	3	2	-	-	-	-	-	-	-	-	-	1	-	-
- - - - -	9564	4	3	2	1	-	-	-	-	-	-	-	-	1	-	-	-
ward - - - - -	17226	12	6	3	-	-	-	-	-	-	-	-	-	1	-	-	-
al WHH - - - - -	18331	7	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
t - - - - -	13027	13	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
W - - - - -	15232	14	11	4	3	-	-	-	-	-	-	-	-	1	2	2	5

WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the

London Sick Asylum in Tottenham-court sub-district.
 " Kentish Town sub-district.
 Workhouse in Islington East sub-district.
 Mary " Hackney sub-district.
 Workhouse " Hoxton New Town sub-district.
 " " Mile End Old Town Eastern sub-dist.
 London City Workhouse in { Mile End Old Town Eastern sub-dist. and
 Bow sub-district.
 Stepney " Bow sub-district.
 Poplar & Stepney Sick Asylum
 Westminster Union Industrial School in " Battersea sub-district."
 Metropolitan Asylum District Hospitals in Fulham, Hampsstead, Hack-
 ney, Brixton, and St. Paul Deptford sub-districts.

districts of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston
 † Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 8th September 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												Inquest Cases.
						Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
	LONDON—OUTER RING	368,414	631,381	555	243	68	47	1	6	2	2	3	4	27	10	16		
29 : 1	Carshalton W - - -	12228	13523	11	10	3	1	-	-	-	-	-	-	-	1	1		
2	Epsom (part of) * WH -	9971	9145	-	-	-	-	-	-	-	-	-	-	-	-	-		
36 : 1	Godstone (part of) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-		
37 : 1	Croydon WWH - - -	20851	71319	67	27	5	7	-	1	-	2	1	-	3	-	2		
2	Mitcham WH - - -	11697	12534	10	4	-	-	-	-	-	-	-	-	-	-	-		
38 : 1	Wimbledon HH - - -	3220	9087	10	3	-	1	-	-	-	-	-	-	-	-	-		
2	Kingston WH - - -	8549	27489	17	15	4	4	-	-	-	-	-	-	3	1	1		
3	Esher (part of) * - - -	6601	7353	11	2	-	-	-	-	-	-	-	-	-	-	-		
4	Hampton - - -	4573	10185	6	3	-	2	-	-	-	-	-	-	-	-	-		
39 : 1	Richmond WH - - -	2271	16829	11	7	1	3	-	-	-	-	-	-	-	1	1		
2	Mortlake - - -	2961	9316	5	3	-	1	-	1	-	-	-	-	-	-	-		
40 : 1	Bromley (part of) * HH -	15669	19509	15	7	2	-	-	-	-	-	-	1	1	1	1		
2	Chislehurst (part of) * W -	13665	10028	13	3	1	1	-	-	-	-	1	-	-	1	1		
41 : 1	Bexley H - - -	13439	19566	13	4	1	2	-	-	-	-	-	-	1	-	-		
123 : 1	Sunbury W - - -	11055	9860	9	3	-	1	-	-	-	-	-	-	1	-	1		
2	Staines W - - -	13277	10339	3	2	1	1	-	-	-	-	-	-	-	-	-		
124 : 1	Hillingdon WH - - -	6029	9712	7	2	1	1	-	1	-	-	-	-	1	-	-		
2	Uxbridge - - -	6178	5329	1	1	-	1	-	-	-	-	-	1	-	-	-		
3	Hayes WL - - -	14587	10497	5	4	1	-	-	-	-	-	-	-	4	-	-		
125 : 1	Isleworth W - - -	7008	19930	10	7	2	1	-	-	-	-	-	-	-	-	-		
2	Twickenham - - -	2477	10533	10	3	-	-	-	-	-	-	-	-	-	-	-		
3	Brentford HL - - -	4370	20279	15	6	-	-	-	-	-	-	-	-	-	-	-		
4	Chiswick - - -	1311	8508	6	-	-	-	-	-	-	-	-	-	-	-	-		
5	Acton WH - - -	6087	12683	14	9	4	2	-	-	-	-	-	-	2	-	-		
126 : 1	Harrow H - - -	13809	10869	12	2	-	1	-	-	-	-	-	-	-	-	-		
2	Edgware - - -	6994	3450	1	-	-	-	-	-	-	-	-	-	-	-	-		
3	Willesden - - -	4383	15869	16	7	4	1	-	-	-	-	-	-	3	-	-		
4	Hendon WH - - -	8382	6972	9	2	-	1	-	-	-	-	-	-	-	-	-		
127 : 1	South Mimms - - -	15419	5924	5	2	-	2	-	-	-	-	-	-	-	-	-		
2	Barnet W - - -	5423	7752	2	3	-	1	-	-	-	-	-	-	-	1	1		
3	Finchley L - - -	4638	11493	14	9	3	1	-	-	-	-	-	-	-	-	1		
128 : 1	Hornsey H - - -	3039	19357	29	10	5	-	-	1	-	-	-	-	-	-	-		
2	Tottenham H - - -	4642	22869	20	8	5	1	-	-	1	-	-	-	-	-	-		
3	Edmonton WW - - -	7483	13860	10	7	3	-	-	-	-	-	-	-	1	1	1		
4	Enfield WH - - -	12653	16054	6	7	-	1	-	-	-	-	-	-	-	1	1		
5	Waltham Abbey - - -	11017	5197	-	2	-	-	-	-	-	-	-	-	-	-	-		
6	Cheshunt - - -	8493	7518	7	2	1	1	-	-	-	-	-	-	-	-	-		
134 : 1	Hatfield (part of) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-		
136 : 1	Bushey - - -	9028	6472	1	1	-	1	-	-	-	-	-	-	-	-	-		
135 : 1	Stratford - - -	882	23286	21	9	6	1	-	-	-	-	-	1	2	-	-		
2	West Ham WWWW - - -	7345	44642	64	22	7	2	1	2	1	-	1	-	3	1	2		
3	Leyton WW - - -	4274	15513	18	9	2	1	-	-	-	-	-	-	1	1	1		
4	Walthamstow H - - -	6619	15701	19	5	4	-	-	-	-	-	-	-	1	-	-		
136 : 1	Chigwell (part of) * H -	10483	8169	3	4	-	-	-	-	-	-	-	-	-	1	1		
188 : 1	Romford (part of) * - -	6730	2879	4	1	-	1	-	-	-	-	-	-	-	-	-		
2	Ilford - - -	8492	5947	9	2	1	1	-	-	-	-	-	-	-	-	-		
3	Barking Town - - -	4128	6576	16	4	1	1	-	-	-	-	-	-	-	-	-		

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 134); 134 : 1, only the parish of Northaw in Hatfield sub-district; 136 : 1, the whole of the Chigwell sub-district, except the parish of Thoydon (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 8th September, 1877.

CITY OR TOWN.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Deaths in Public Institutions.	
LONDON	446,494	4,367,547	17·0	2·7	1423	417	259	9	29	19	9	22	25	114	58	246	
LONDON -	78,080	3,533,484	17·4	2·7	1180	349	212	8	23	17	7	19	21	87	48	217	
ENGLAND -	368,414	834,063	15·2	2·8	243	68	47	1	6	2	2	3	4	27	10	29	

Area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 6·23 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 1,189 square miles, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 1,189 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
ATTA -	429,535	July 28	-	219	26·6	Fevers 74; cholera 5.
AY -	644,405	" 31	-	640	51·6	Fevers 208; cholera 75.
AS -	397,552	" 20	-	-	-	-
B -	1,988,806	September 6	-	896	23·4	Typhoid fever 34.
VA -	67,829	" 1	19	32	24·6	-
SELS -	188,609	" 1	114	63	18·9	Diarrhoeal diseases 21.
ERDAM -	289,981	" 1	230	144	25·2	Whooping-cough 5.
ERDAM -	136,231	" 1	105	48	18·2	-
HAGUE -	104,095	" 1	83	44	22·0	-
ANHAGEN -	215,000	" 4	169	81	19·7	-
KHOLM -	146,845	August 25	-	82	29·0	Typhoid fever 4; scarlet fever 4.
BTIANIA -	79,000	September 1	64	31	20·4	Whooping-cough 4.
TERSBURGH	669,741	August 4	-	388	30·1	Diphtheria 6; small-pox 5.
IN -	997,269	" 18	810	636	33·1	Typhus 24; scarlet fever 17.
BURG (State)	393,588	" 18	339	189	25·1	Typhus 8.
DEN -	202,295	" 25	132	103	26·1	-
LAU -	246,813	September 1	215	188	38·0	Diarrhoeal diseases 48.
CH -	209,000	" 1	182	143	36·0	Typhoid fever 6.
NA -	714,548	" 1	491	328	23·9	Diphtheria 18; small-pox 5.
-PESTH -	315,401	August 25	240	256	42·2	Diphtheria 11; diarrhoea 68.
-	278,099	" 25	122	117	21·8	Typhus and typhoid fever 7; small-pox 4.
ES -	454,948	" 19	-	-	-	-
N -	223,488	" 25	-	-	-	-
CE -	189,796	" 25	68	91	30·1	Whooping-cough 8; typhoid fever 7.
ANDRIA -	212,034	" 25	145	211	51·9	Whooping-cough 8.
YORK -	1,077,228	" 11	-	625	30·2	Scarlet fever 15; diphtheria 8.
KLYN -	527,830	" 11	-	279	27·5	Scarlet fever 16; diphtheria 11.
ADELPHIA -	850,856	" 18	-	340	20·8	Infantile cholera 50; typhoid fever 18.
ON -	363,000	" 11	-	173	24·7	-

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 8th SEPTEMBER, 1877.

[Under the Superintendence of the Astronomer Royal.]

[illegible]

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending December 31, 1845.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "*Royalist*," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the supervision of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the *aggregation* of bright sunshine on each day, calculated from 29.59 in. at the beginning of the week to the reading of the thermometer depressed to 32° F., by 9h. P.M. on the day, and decreased to 32° F. by 9h. P.M. on the day following.

DATE.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SEPTEMBER.					
SUNDAY	2		7.8	13.4	A fine day; partially cloudy. A shower of rain fell in the evening.
MONDAY	3		0.0	13.4	Overcast. Rain fell heavily.
TUESDAY	4		5.8	13.3	A fine day; partially cloudy.
WEDNESDAY	5	The electrical apparatus was not in action throughout the week.	9.5	13.2	Fine; the amount of cloud was generally small.
THURSDAY	6		9.5	13.2	A fine day; light clouds generally prevailed.
FRIDAY	7		3.1	13.1	Fine; generally cloudy.
SATURDAY	8		2.0	13.0	Fine; cloudy.
			Sum 57.7	Sum 92.8	

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, SEPTEMBER 15. [Price 1½d.

*General Register Office, Somerset House,
September 17th, 1877.*

UNITED KINGDOM.

During last week 5497 *births* and 3109 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2388. The mortality from all causes was at the average rate of 18·6 deaths annually in every 1000 persons living. The annual death-rate was 19·6 per 1000 in Edinburgh, 24 in Glasgow, and 20 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Sheffield 14, Bristol 14, South 15, Brighton 15, Bradford 16, London 19, Oldham 19, Leeds 20, Hull 20, Plymouth 20, Newcastle-on-Tyne 20, Leicester 20, Birmingham 21, Manchester 21, Sunderland 21, Manchester 23, Hull 24, Wolverhampton 26, Salford 26, and Liverpool 28. The annual death-rate from the seven principal zymotic diseases averaged 4·1 per 1000 in the twenty towns, and ranged from 2·2 in Newcastle-upon-Tyne, to 8·6 in Liverpool and 10·7 in Wolverhampton. Diarrhoea and scarlet fever caused the high zymotic death-rate in Hull, and 9 more fatal cases of scarlet fever were returned in Wolverhampton. Small-pox caused but 12 deaths in the twenty towns, of which 10 occurred in London, and 2 in Liverpool.

LONDON.

LONDON 2368 BIRTHS and 1261 DEATHS were registered. Allowing for the increase of population, the births exceeded by 63, whereas the deaths were 104 below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the four preceding weeks had steadily declined from 19·3 to 17·4 per 1000, was last week 18·6. During the past four weeks of the current quarter the death-rate has averaged but 19·6 per 1000, whereas it was 21·7 and 22·3 in the corresponding periods of 1875 and 1876. The 1261 deaths included 10 from small-pox, 23 from measles, 38 from scarlet fever, 32 from diphtheria, 32 from whooping-cough, 30 from different forms of fever, and 23 from diarrhoea; thus to the seven principal diseases of the zymotic class 126 deaths were referred, against numbers declining steadily from 346 to 182 in the four preceding weeks. These 126 deaths were, however, 103 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 3·3 per 1000. The 23 fatal cases of small-pox corresponded with the number in the previous week, and included 4 in Islington and 3 in Islington. The 38 deaths from scarlet fever showed a marked increase upon the numbers in recent weeks, and included 13 in the East and 9 in the West of London; 5 occurred in Islington, 3 in Clerkenwell, and 6 in Bethnal Green. The 32 deaths from whooping-cough also considerably exceeded the average weekly numbers, and included 16 in East London, of which 5 occurred in Islington and 4 in Bethnal Green. The 30 deaths referred to fever, although 8 below the corrected average weekly number, exceeded the number in any previous week of this year; 3 were certified as typhus, 23 as enteric or typhoid, and 4 as continued fever. The 3 fatal cases of typhus occurred at 128, High Street, Islington; at the Stockwell Fever Hospital, admitted from 15, North Terrace, Islington; and at 61, Hollington Street, Camberwell. Ten deaths from enteric fever were recorded in North London, including 5 in Islington, of which two were fatal at the Fever Hospital admitted from Clerkenwell and Bow. The 86 deaths from diarrhoea, of which 79 were of children under five years of age, were 57 below the corrected average; the death of a child, aged 2 years, in Stepney was referred to traumatic diarrhoea.

The deaths from small-pox, which had been 20 and 8 in the two previous weeks, were 10 last week, of which 5 occurred in the Metropolitan Asylum Small-pox Hospitals, 2 in the Highgate Small-pox Hospital, and 3 in private dwellings. Four of the fatal cases belonged to the West, 3 to the East, and 3 to the South groups of registration districts. Five of the fatal cases were certified as unvaccinated, and in the 5 other cases the medical certificates did not give any information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which in the sixteen preceding weeks had declined from 964 to 206, further fell last week to 181; 35 new cases were, however, admitted during the week, against 24 in the previous week. The number of patients in the Highgate Small-pox Hospital, which had been 26 and 19 at the end of the two preceding weeks, was 18 on Saturday last.

Two of the six deaths referred to puerperal fever were recorded in Belgrave sub-district.

The deaths referred to diseases of the respiratory organs, which had been so few as 108 and 111 in the two previous weeks, rose to 152 last week, and exceeded the corrected weekly average by 9.

Different forms of violence caused 39 deaths; 34 were the result of negligence or accident, including 14 from fractures and contusions, 2 from burns and scalds, 3 from drowning, 4 from poison, and 8 of infants under one year of age from suffocation. The 14 deaths from fractures and contusions were thus caused: male 48, thrown from a cab; male 12, run over by a cab; males 2 and 9, run over by carts; male 4, knocked down by a dray; males 39 and 65, fell down stairs; male 60, fell from roof of stable; male 43, fell from hay loft; male 8, fell from a ladder; female 59, fell from window; male 68, injury from fall of iron on; male 54, fracture of ribs (no evidence how fractured); and female 72, fracture of thigh. An inquest was held in each of these 14 cases, except the last, which was certified by a registered medical practitioner.

In the large Public Institutions 245 deaths were recorded, or 19 per cent. of the total deaths; of these, 150 occurred in Workhouse Establishments, 89 in Hospitals, and 6 in Lunatic Asylums.

GREATER LONDON.

In Greater London 2864 births and 1496 deaths were registered, equal to annual rates of 34·2 and 17·9 per 1000 of the population. In the Outer Ring 4 deaths from small-pox were recorded in West Ham, and 5 deaths were referred to fever.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 28, Bombay 54, Madras 134; Paris 21; Geneva 25; Brussels 24; Amsterdam 25, Rotterdam 22, The Hague 22; Copenhagen 16; Stockholm 30; Christiania 14; St. Petersburg 32; Berlin 35, Hamburg 29, Dresden 24; Breslau 32, Munich 41; Vienna 20, Buda-Pesth 38; Rome 26, Naples 22, Turin 22, Venice 27; Alexandria 52; New York 27, Brooklyn 27, Philadelphia 20, and Boston 29.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·77 in., the lowest reading was 29·57 in. on Tuesday afternoon, and the highest 30·00 in. at the end of the week. The mean temperature of the *air* was 58°·9, and 1°·3 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average on the first two, and showed an excess on each of the last five days of the week: on Monday the mean was 56°·3 and 1°·7 below the average, while on Friday it rose to 61°·7 and was in excess by 4°·5. The lowest night temperature was 49°·1 on Sunday, and the highest day temperature in the shade 73°·4 on Tuesday; the extreme range in the week was, therefore, 24°·3. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 122°·4 on Wednesday. The difference between the mean *dew-point* and air temperature averaged 7°·0. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 59°·5. The mean degree of *humidity* of the air was 78, complete saturation being represented by 100. The direction of the *wind* was variable, and the horizontal movement of the air averaged 15·7 miles per hour, which was 3·7 above the average in the corresponding week of 16 years. *Rain* fell on four days of the week, to the aggregate amount of 0·16 of an inch. The duration of registered sunshine in the week was 11·2 hours, the sun being above the horizon during 89·6 hours.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames was 273,606 cubic metres at Crossness, and 394,661 cubic metres at Barking, equivalent to about as many tons by weight.

BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday the 15th September, 1877.

Towns.	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 15th September 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
Sheff.	212,881	8,144,940	38·3	5497	3109	73·4	38·0	56·4	13·55	0·98	2·49
Sheff.	75,362	3,533,484	46·9	2368	1261	73·4	49·1	58·9	14·94	0·16	0·41
Sheff.	2,354	102,264	43·4	46	29	67·2	52·0	59·6	15·34	0·23	0·58
Sheff.	4,486	127,144	28·3	67	36	-	-	-	-	-	-
Sheff.	7,472	84,023	11·2	56	32	68·5	47·8	58·7	14·83	0·12	0·30
Sheff.	1,395	72,911	52·3	43	28	63·5	51·0	57·5	14·17	1·55	3·94
Sheff.	4,452	202,950	45·6	125	54	68·9	49·9	58·0	14·44	1·51	3·84
Sheff.	3,396	73,389	21·6	55	36	63·4	44·0	54·2	12·33	0·59	1·50
Sheff.	8,400	377,436	44·9	284	151	-	-	-	-	-	-
Sheff.	3,200	117,461	36·7	71	46	67·8	47·5	57·5	14·17	0·77	1·96
Sheff.	1,996	95,025	47·6	61	38	71·5	47·8	56·7	13·72	0·95	2·41
Sheff.	5,210	527,083	101·2	358	233	63·8	46·5	55·3	12·95	1·11	2·82
Sheff.	4,293	359,213	83·7	211	159	-	-	-	-	-	-
Sheff.	5,170	141,184	27·3	112	70	67·2	41·2	54·9	12·72	1·28	3·25
Sheff.	4,666	89,796	19·2	63	32	-	-	-	-	-	-
Sheff.	7,220	179,315	24·8	125	54	62·6	45·1	54·3	12·39	1·64	4·17
Sheff.	21,572	293,189	13·8	234	112	66·0	45·0	55·6	13·12	1·46	3·71
Sheff.	19,651	282,130	14·4	185	74	65·1	47·0	55·2	12·89	1·34	3·40
Sheff.	3,635	140,002	38·5	130	64	67·0	41·0	55·3	12·95	2·02	5·13
Sheff.	3,306	110,382	33·4	95	45	66·0	52·0	56·9	13·83	0·33	0·84
Sheff.	5,371	142,231	26·5	109	55	-	-	-	-	-	-
Sheff.	4,191	218,729	52·2	139	75	67·5	38·0	54·6	12·56	0·59	1·50
Sheff.	6,033	555,933	92·1	392	255	64·2	40·5	55·4	13·00	0·83	2·11
Sheff.	10,050	314,666	31·3	163	120	67·7	40·8	57·3	14·06	1·16	2·95

* The Meteorological Observers in the several towns, see note at foot of Table 4.

† The English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The Irish is taken as stationary at the number enumerated in April 1871.

BIRTHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 512 persons, and in DUBLIN, during the Week ending Saturday the 15th September, 1877.

Towns.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from											
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.				
-	19·7	4·1	2659	792	474	12	36	90	12	75	63	263	89	155	399		
-	18·6	3·3	1261	329	239	10	23	33	7	32	30	86	39	74	245		
-	14·8	3·1	29	11	6	-	-	-	-	2	-	4	-	-	1		
-	14·8	2·5	36	12	9	-	-	-	-	1	2	3	2	3	5		
-	19·9	2·5	32	14	9	-	-	-	-	-	1	3	-	2	4		
-	20·0	5·0	28	10	13	-	-	2	-	-	-	5	1	1	-		
-	13·9	3·9	54	13	13	-	2	1	-	3	-	9	3	3	9		
-	25·6	10·7	36	9	3	-	-	9	-	-	-	6	3	4	6		
-	20·9	5·4	151	60	26	-	-	3	-	4	2	30	4	7	14		
-	20·4	4·4	46	22	8	-	-	-	-	-	-	10	4	5	6		
-	20·9	3·8	38	15	11	-	-	-	-	-	2	5	1	3	4		
-	28·0	8·6	283	89	33	2	2	11	-	21	13	38	13	16	36		
-	23·1	4·1	159	43	26	-	6	7	-	3	-	12	3	10	26		
-	25·9	5·2	70	23	12	-	-	3	-	1	1	9	1	1	4		
-	18·6	3·5	32	6	5	-	-	2	1	1	-	2	-	-	3		
-	15·7	2·6	54	15	9	-	-	5	-	-	1	3	1	6	4		
-	19·6	3·5	112	43	17	-	2	-	-	4	4	10	4	7	9		
-	13·7	2·8	74	21	6	-	-	7	-	-	-	8	1	1	4		
-	23·9	7·8	64	23	8	-	1	-	3	1	4	12	3	5	8		
-	21·3	4·7	45	11	10	-	-	2	1	-	2	5	2	3	5		
NE	20·2	2·2	55	23	11	-	-	-	-	2	1	3	4	4	6		
-	19·9	2·8	120	22	33	-	8	1	-	2	3	3	3	3	32		

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the THIRTY-SEVENTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2058	2021	1944	1986	2211	2070	2256	2314	2289	2396	2154·5	2368
Males . .	1044	1052	957	1002	1111	1069	1125	1171	1158	1211	1090·0	1189
Females .	1014	969	987	984	1100	1001	1131	1143	1131	1185	1064·5	1179
TOTAL Deaths	1262	1246	1409	1197	1422	1203	1319	1242	1338	1119	1275·7	1261
Males . .	651	642	705	618	672	639	648	662	685	593	651·6	648
Females .	611	604	703	579	750	564	671	580	653	526	624·1	613

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867-76, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	June 23.	June 30.	July 7.	July 14.	July 21.	July 28.	Aug. 4.	Aug. 11.	Aug. 18.	Aug. 25.	Sept. 1.	Sept. 8.	Sept. 15.
TOTAL Deaths - - -	1271	1300	1322	1449	1438	1430	1439	1293	1309	1261	1238	1180	1261
0—20 - - -	632	609	691	795	788	789	778	725	739	694	657	579	631
20—40 - - -	188	205	189	182	174	190	189	161	152	177	198	181	196
40—60 - - -	217	249	206	217	225	206	224	192	207	186	177	208	195
60—80 - - -	199	196	194	223	202	206	222	176	191	175	174	178	196
at 80 years & upwds.	35	41	42	32	49	39	26	39	20	29	32	34	43
Deaths of children { Under 1 year -	306	275	378	447	498	464	461	439	440	432	404	348	329
{ 1—5 - - -	222	224	207	227	192	199	239	209	211	166	176	158	214
{ 5—20 - - -	104	110	106	121	98	126	78	77	88	96	77	72	86
Deaths from 7 principal Zymotic Diseases {	210	223	244	324	332	338	315	300	346	260	259	182	226
" " Small-pox - - -	44	44	23	32	35	27	22	20	21	11	20	8	10
" " Measles - - -	42	45	44	28	42	51	51	43	49	29	17	23	23
" " Scarlet fever -	14	24	18	21	19	25	15	21	24	24	26	17	38
" " Diphtheria - -	7	6	9	7	6	4	8	6	12	2	5	7	7
" " Whooping-cough	35	28	35	46	36	23	21	29	18	17	19	19	32
" " Typhus fever - -	5	6	6	1	2	2	2	2	1	1	5	2	3
" " Enteric (or Typhoid) fever -	12	15	10	14	15	15	13	10	20	14	12	17	23
" " Simple Cont ^d fever -	5	5	3	6	4	7	7	3	7	4	1	2	4
" " Diarrhœa - - -	46	50	96	169	173	184	176	166	194	158	154	87	86
" " Simple Cholera -	2	2	6	14	9	9	8	5	3	7	7	6	1
" " Dis. of Respiratory Organs -	166	162	144	159	181	169	144	117	125	124	108	111	152
" " Phthisis - - -	161	198	176	159	149	153	166	129	141	151	148	154	146
" " Heart Diseases -	67	77	62	76	76	84	81	66	66	61	71	69	82
Violent Deaths - - -	62	52	56	60	42	44	49	38	44	58	48	48	39
Inquest Cases - - -	94	86	86	96	75	89	99	66	75	89	79	92	74
Deaths in Public Institutions	272	281	255	271	265	245	239	220	221	218	227	217	245
TEMPERATURE OF THE AIR:													
Mean - - - - -	63·3	61·6	58·2	61·1	59·1	60·8	63·3	62·5	63·7	62·0	59·5	53·5	58·9
Mean of Highest readings -	77·6	76·8	71·6	73·9	69·0	71·3	76·5	73·5	76·3	73·0	69·6	65·2	67·0
Mean of Lowest readings -	51·5	50·0	48·9	50·7	53·0	53·4	53·8	54·6	55·0	53·6	53·1	44·3	53·3
Mean Temperature of the Water of the Thames -	67·3	65·6	65·8	64·6	64·3	64·2	66·2	65·8	66·3	66·7	64·3	61·3	59·5
Humidity of the Air - - -	63	61	71	71	76	80	69	72	74	70	76	72	78
Rain-fall in inches - - -	0·01	0·01	0·63	0·37	0·84	0·60	0·09	0·71	0·01	1·67	0·42	0·78	0·16
Registered Sunshine (in hours)	67·0	58·4	46·0	40·5	37·8	21·7	46·6	34·6	39·1	41·5	37·8	37·7	11·2

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandborough, Esq., F.G.S., F.M.S., Bradford; Ed. Pilliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the
THIRTY-SEVENTH Week of the Year 1877.

Average in the Thirty-seventh Weeks of the 10 years 1867-76.*		In the Week ending Saturday, September 15, 1877.								Average in the Thirty-seventh Weeks of the 10 years 1867-76.		In the Week ending Saturday, September 15, 1877.													
		Deaths of Persons of the Ages										Deaths of Persons of the Ages													
		ALL AGES.	Under 20.			40. 20 and under	60. 40 and under	80. 60 and under	80 Years and upwards.			ALL AGES.	Under 20.			40. 20 and under	60. 40 and under	80. 60 and under	80 Years and upwards.						
			Mean Tem.	0-1.	1-5.								5-20.	Mean Tem.	0-1.					1-5.	5-20.				
58.7		58.9							58.7	58.9															
1275.7		1261	329	214	88	196	195	196	43																
1268.8		1257	328	214	88	195	195	195	42																
12.7		10	1	2	1	5	1																		
14.7		23	6	17																					
73.4		38	3	23	12																				
7.4		7		3	3			1																	
.9		3	1	1	1																				
9.7		7	2	3	2																				
30.9		32	14	16	2																				
35.5		3		1		1	1																		
6.8		23		4	6	10	3																		
3.8		4			1	2	1																		
.8		7	2		1	1	2	1																	
.1		6				4	2																		
2.0		2						1																	
133.3		86	61	18				6	1																
7.0		1		1																					
.5																									
.3		2			1	1																			
8.2		7		1	1	1	4																		
.8		1		1																					
6.7		7	5			1	1																		
1.3		1						1																	
.2																									
12.4		16	14	2																					
1.4																									
2.1																									
.5																									
5.5		4	4																						
.5																									
1.6		2						2																	
8.1		12	1	1		1	3	6																	
33.8		25			1	2	15	6	1																
.4																									
2.9		2	2																						
10.1		8	2	5	1																				
34.8		37	23	13		1																			
145.7		146	2	4	13	78	38	11																	
21.9		33	7	25	1																				
15.6		13	2	7	1	3																			
34.2		38	2	2		7	13	12	2																
25.4		26				3	4	17	2																
1.9		3						1																	
.1		1			1																				
6.6		7		1		2	2	2																	
39.8		38	28	10																					
14.5		17		1	3	4	1	6	2																
2.0		1				1																			
1.4		5				3	1	1																	
55.5		76		1	5	14	24	23	4																
3.8		3	2	1																					
67.6		84	15	17	1	3	19	24	5																
4.1		4			1		3																		
44.5		48	13	14	3	4	7	7																	
4.4		3					1	2																	
9.7		10	1	3		1	2	3																	
1.9		1				1																			
7.0		7	3	2	1		1																		
8.6		10		1	4	3		2																	
2.6		3					1	2																	
2.0		1					1																		
3.2		7	1	1		1	3	1																	
4.2		4	2		1				1																
1.0		1	1																						

should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1877.

Person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, TYPHUS, ENTERIC (or TYPHOID) FEVER, SIMPLE CONTINUED FEVER, DIARRHÆA, and VIOLENCE during the Week ending—

REGISTRATION SUB-DISTRICTS.		Enume- rated Popu- lation, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
					Deaths of		Deaths from										
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	
LONDON		3,254,260	2368	1261	329	239	10	23	38	7	32	3	23	4	86	39	
WEST DISTRICTS		561,359	350	171	46	44	2	1	3	-	1	-	2	1	12	5	
NORTH DISTRICTS		751,729	573	290	68	56	4	9	6	3	6	-	10	-	18	10	
CENTRAL DISTRICTS		334,369	193	154	43	29	-	2	7	-	4	-	4	1	10	7	
EAST DISTRICTS		639,111	487	272	81	38	1	6	13	2	16	1	3	-	19	11	
SOUTH DISTRICTS		967,692	765	374	91	72	3	5	9	2	5	2	4	2	27	6	
WEST DISTRICTS.																	
St. Mary Paddington WH		58728	37	20	5	5	-	-	1	-	-	-	1	-	1	-	
St. John Paddington H		38085	15	10	4	3	-	-	-	-	-	-	-	1	1	2	
Kensington Town W		91645	64	23	6	7	-	-	-	-	-	-	-	-	-	-	
Brompton H		28654	19	6	4	1	-	-	-	-	-	-	-	-	-	-	
St. Peter Hammersmith		6662	6	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Paul Hammersmith H		36029	31	7	-	2	-	-	1	-	1	-	-	-	-	-	
Fulham WwH		23350	23	16	2	6	1	-	-	-	-	-	-	-	2	-	
Chelsea South HHH		26420	23	8	2	1	-	-	-	-	-	-	-	-	-	-	
Chelsea North-west WHHHH		22926	13	14	4	5	-	-	-	-	-	-	-	-	1	-	
Chelsea North-east		21392	16	4	2	1	-	-	-	-	-	-	-	-	1	-	
Hanover Square H		18698	7	3	-	2	-	-	-	-	-	-	-	-	-	-	
May Fair Ww		13353	6	7	1	2	-	-	-	-	-	-	-	-	-	-	
Belgrave HH		57972	26	16	4	1	-	1	-	-	-	-	-	1	-	2	
St. John Westminster HH		38473	28	11	4	1	-	-	-	-	-	-	1	-	1	-	
St. Margaret Westminster WH		27781	13	9	2	4	1	-	-	-	-	-	-	-	2	-	
Golden Square WH		12860	6	4	1	1	-	-	-	-	-	-	-	-	-	-	
Berwick-street H		20759	12	9	3	1	-	-	1	-	-	-	-	-	1	-	
St. Anne Soho HHHHH		17562	5	4	2	1	-	-	-	-	-	-	-	-	1	-	
NORTH DISTRICTS.																	
All Souls Marylebone HHHH		28579	11	20	5	1	-	-	-	1	1	-	1	-	-	1	
Cavendish Square HH		15425	8	6	1	1	-	-	-	-	-	-	-	-	-	-	
Rectory Marylebone WH		26384	9	14	3	7	-	-	-	-	-	-	-	-	1	-	
St. Mary Marylebone HHH		21786	17	3	1	2	-	-	-	-	-	-	-	-	1	-	
Christchurch Marylebone H		33944	31	10	2	1	-	1	-	-	-	-	-	-	1	-	
St. John Marylebone H		33136	19	12	2	3	-	-	-	-	-	-	1	-	1	-	
Hampstead WwHH		32281	23	10	3	1	1	-	-	-	-	-	-	-	1	-	
Regent's Park Pancras		38200	26	12	4	2	-	1	-	-	-	-	-	-	1	-	
Tottenham-court wHHH		29370	13	10	-	3	-	-	-	-	-	-	1	-	-	1	
Gray's Inn Lane HHH		29221	25	10	5	1	-	1	-	-	-	-	-	-	2	1	
Somers Town		38533	22	10	2	2	-	1	-	-	1	-	-	-	-	-	
Camden Town W		17943	8	8	1	2	-	-	-	-	-	-	-	-	-	-	
Kentish Town w		68198	69	37	5	7	-	1	1	1	1	-	-	-	1	1	
Islington West HHH		97820	72	42	10	6	2	3	3	-	2	-	5	-	4	2	
Islington East WwWH		115953	118	45	15	11	-	-	2	-	-	-	-	-	3	2	
Stoke Newington H		9841	12	4	1	2	-	-	-	-	-	-	-	-	-	-	
Stamford Hill		6598	2	1	-	1	-	-	-	-	-	-	-	-	-	-	
West Hackney		28069	23	17	2	1	-	-	-	-	1	-	-	-	2	-	
Hackney WwHHL		50104	32	14	5	1	1	-	-	1	-	-	1	-	1	-	
South Hackney		30339	23	5	1	1	-	1	-	-	-	-	-	-	-	-	
CENTRAL DISTRICTS.																	
St. George Bloomsbury		17853	8	5	2	-	-	-	-	-	-	-	1	-	-	-	
St. Giles South WH		19109	18	8	2	-	-	1	-	1	-	-	-	-	1	-	
St. Giles North		16594	14	6	1	1	-	-	-	-	-	-	-	-	-	1	
Long Acre		11379	3	3	1	-	-	-	-	-	-	-	-	-	2	-	
Charing Cross HH		9859	4	6	1	-	-	-	-	-	-	-	-	-	-	1	
St. Mary-le-Strand		9378	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Clement Danes H		10723	5	6	2	1	-	-	-	-	-	-	-	-	-	-	
St. George-the-Martyr HHHHH		20521	16	7	3	1	-	1	-	-	-	-	-	-	-	-	
St. Andrew Eastern W		13529	6	14	3	7	-	-	-	-	1	-	-	-	1	-	
Saffron Hill H		9066	2	3	-	-	-	-	-	1	-	-	-	-	-	-	
St. James Clerkenwell W		18917	12	11	3	-	-	-	-	-	-	-	-	-	1	-	
Amwell Clerkenwell		16884	14	4	2	-	-	-	-	1	-	-	-	-	-	-	
Pentonville		13337	8	3	1	1	-	-	-	2	-	-	-	-	-	-	
Goswell-street		16242	7	9	2	2	-	-	-	-	1	-	-	-	-	-	
Old-street H		12161	9	7	2	-	-	-	-	-	-	1	-	-	-	1	
City-road HHL		18301	26	5	2	-	-	-	-	-	-	-	-	-	1	-	
Whitecross-street		13792	11	8	6	-	-	-	1	-	-	-	-	-	1	-	
Finsbury		10741	4	5	3	1	-	-	-	-	1	-	-	-	1	-	
St. Botolph East London H		14540	8	11	2	5	-	-	1	-	-	-	-	-	-	-	
Cripplegate		13638	4	7	1	3	-	-	-	-	-	-	-	-	-	-	
St. Sepulchre H		7562	2	15	2	5	-	-	-	-	-	-	-	-	1	3	
St. Bride W		11185	3	3	-	1	-	-	-	-	-	-	-	-	-	-	
Castle Baynard		4426	2	2	-	-	-	-	-	-	-	-	-	-	-	-	
Christchurch		6270	3	3	2	1	-	-	-	-	-	-	-	-	1	-	
Queenhithe		4753	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Allhallows Barking		5764	1	2	-	-	-	-	-	-	-	-	-	-	-	1	
Broad Street H		7845	-	1	-	-	-	-	-	-	-	-	-	-	-	-	

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see at the foot of next page.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 15th September 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enume- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												Inquest Cases.
						Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
	LONDON—OUTER RING	368,414	631,381	496	235	68	53	4	3	4	3	1	5	21	10	18		
29: 1	Carshalton W - - -	12228	13523	6	8	1	-	-	-	-	-	-	-	1	-	-		
2	Epsom (part of) * WH -	9971	9145	6	1	1	-	-	-	-	-	-	-	-	-	-		
36: 1	Godstone (part of) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-		
37: 1	Croydon WWH - - -	20851	71319	66	24	6	5	-	-	1	1	-	1	2	1	1		
2	Mitcham WH - - -	11697	12534	6	3	1	1	-	-	-	-	-	-	-	-	-		
38: 1	Wimbledon HH - - -	3220	9087	5	4	1	-	-	-	-	-	-	-	-	-	-		
2	Kingston WH - - -	8549	27489	10	10	-	6	-	-	-	-	1	-	-	-	-		
3	Esher (part of) * - - -	6601	7353	4	2	1	1	-	-	-	-	-	-	-	-	-		
4	Hampton - - -	4573	10185	11	2	-	1	-	-	-	-	-	-	-	-	-		
39: 1	Richmond WH - - -	2271	16829	8	12	5	2	-	-	-	-	-	-	3	1	1		
2	Mortlake - - -	2961	9316	7	6	1	2	-	1	-	1	-	-	1	-	-		
40: 1	Bromley (part of) * HH -	15669	19509	7	5	-	3	-	-	-	-	-	-	-	-	-		
2	Chislehurst (part of) * W -	13665	10028	11	4	2	-	-	-	-	-	-	-	2	-	-		
41: 1	Bexley H - - -	13439	19566	18	6	3	3	-	-	-	-	-	-	1	-	-		
123: 1	Sunbury W - - -	11055	9860	5	-	-	-	-	-	-	-	-	-	-	-	-		
2	Staines W - - -	13277	10339	11	7	2	3	-	-	-	-	-	-	1	-	-		
124: 1	Hillingdon WH - - -	6029	9712	4	2	-	1	-	-	-	-	-	-	-	1	1		
2	Uxbridge - - -	6178	5329	1	2	1	1	-	-	-	-	-	-	1	-	-		
3	Hayes WL - - -	14587	10497	9	6	2	1	-	-	-	-	-	-	-	-	-		
125: 1	Isleworth W - - -	7008	19930	8	7	-	4	-	-	-	-	-	1	-	-	1		
2	Twickenham - - -	2477	10533	6	-	-	-	-	-	-	-	-	-	-	-	-		
3	Brentford HL - - -	4370	20279	9	7	3	1	-	-	-	-	-	-	3	-	-		
4	Chiswick - - -	1311	8508	11	6	3	1	-	-	-	-	-	1	-	-	-		
5	Acton WH - - -	6087	12683	8	3	1	-	-	-	-	-	-	-	-	1	1		
126: 1	Harrow H - - -	13809	10869	5	1	-	-	-	-	-	-	-	-	-	-	1		
2	Edgware - - -	6994	3450	5	2	-	-	-	-	-	-	-	-	-	-	-		
3	Willesden - - -	4383	15869	17	4	1	1	-	-	-	-	-	-	1	-	1		
4	Hendon WH - - -	8382	6972	9	4	2	-	-	-	-	-	-	-	-	2	2		
127: 1	South Mimms - - -	15419	5924	4	2	-	1	-	-	-	-	-	-	-	-	-		
2	Barnet W - - -	5423	7752	7	3	-	1	-	-	-	-	-	-	-	-	1		
3	Finchley L - - -	4688	11493	6	7	1	1	-	-	1	-	-	-	-	-	-		
128: 1	Hornsey H - - -	3039	19357	18	7	2	-	-	1	-	-	-	1	-	1	1		
2	Tottenham H - - -	4642	22869	22	10	3	1	-	-	-	-	-	1	2	-	-		
3	Edmonton WW - - -	7483	13860	9	11	6	2	-	-	-	-	-	-	1	2	2		
4	Enfield WH - - -	12653	16054	21	3	-	3	-	-	-	-	-	-	-	-	-		
5	Waltham Abbey - - -	11017	5197	5	1	-	1	-	-	-	-	-	-	-	-	-		
6	Cheshunt - - -	8493	7518	3	-	-	-	-	-	-	-	-	-	-	-	-		
124: 1	Hatfield (part of) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-		
136: 1	Bushey - - -	9028	6472	8	2	1	1	-	-	-	-	-	-	-	1	1		
185: 1	Stratford - - -	882	23286	24	9	2	-	-	-	-	-	-	-	-	-	1		
2	West Ham WWWW - - -	7345	44642	52	25	8	3	4	1	1	-	-	-	2	-	1		
3	Leyton WW - - -	4274	15513	14	5	1	1	-	-	1	1	-	-	-	-	1		
4	Walthamstow H - - -	6619	15701	12	2	1	-	-	-	-	-	-	-	-	-	-		
186: 1	Chigwell (part of) * H -	10483	8169	8	2	1	-	-	-	-	-	-	-	-	-	-		
188: 1	Romford (part of) * - -	6730	2879	3	-	-	-	-	-	-	-	-	-	-	-	-		
2	Ilford - - -	8492	5947	3	7	4	1	-	-	-	-	-	-	-	-	1		
3	Barking Town - - -	4128	6576	4	1	1	-	-	-	-	-	-	-	-	-	-		

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 911); 134: 1, only the parish of Northaw in Hatfield sub-district; 186: 1, the whole of the Chigwell sub-district, except the parish of Thoidon (pop. 798); 188: 1, only the parish of Dagenham in Romford sub-district.

—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 15th September 1877.

CITY OR TOWN.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhea.	Violence.	Deaths in Public Institutions.	
LONDON	446,494	4,367,547	17·9	3·2	1496	397	292	14	26	42	10	33	35	107	49	276	
LONDON -	78,080	3,533,484	18·6	3·3	1261	329	239	10	23	38	7	32	30	86	39	245	
ENGLAND -	368,414	834,063	14·7	2·6	235	68	53	4	3	4	3	1	5	21	10	31	

The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 14·902 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,189 acres are foreshore and tidal water; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
ALGERIA -	429,535	August 4	-	229	27·8	Fevers 94; cholera 13.
BATON -	644,405	" 7	-	662	53·4	Rem. fev. 208; cholera 96.
BATON -	644,405	" 14	-	669	54·0	Rem. fev. 198; cholera 85.
BATON -	397,552	July 27	300	1028	134·4	Cholera 105; small-pox 53; dysentery 267.
BATON -	1,988,806	September 13	-	807	21·1	Typhoid fever 24; diphtheria 21.
BATON -	67,829	" 8	31	32	24·6	-
BATON -	188,609	" 8	118	79	23·7	Small-pox 1.
BATON -	289,981	" 8	212	145	25·4	Whooping-cough 3.
BATON -	136,231	" 8	98	58	22·0	-
BATON -	104,095	" 8	89	43	21·5	-
BATON -	215,000	" 11	127	65	15·8	Diphtheria 2.
BATON -	146,845	" 1	-	84	29·7	Scarlet fever 7.
BATON -	79,000	" 8	68	21	13·8	Whooping-cough 4.
BATON -	669,741	August 11	-	451	35·0	Diphtheria 7; typhoid fever and typhus 20.
BATON -	669,741	" 18	-	407	31·6	Small-pox 3; typhoid fever and typhus 21.
BATON -	997,269	" 25	783	679	35·3	Diphtheria 22; scarlet fever 22.
BATON (State)	393,588	" 25	301	215	28·5	-
BATON -	202,295	September 1	132	95	24·1	Scarlet fever 3; whooping-cough 3.
BATON -	246,813	" 8	213	159	32·2	Diarrhoeal diseases 25.
BATON -	209,000	" 8	183	169	41·0	Typhoid fever 7.
BATON -	714,548	" 8	590	290	20·4	Small-pox 5; diphtheria 7.
BATON -	315,401	" 1	216	256	38·4	Diphtheria 11; diarrhoea 46.
BATON -	278,099	" 1	138	137	25·6	Small-pox 1; typhus and typhoid fever 5.
BATON -	454,948	August 19	-	193	22·1	Diphtheria 4; typhoid fever and typhus 5.
BATON -	223,488	" 25	137	98	22·4	-
BATON -	139,796	September 1	61	74	27·4	-
BATON -	212,034	" 1	154	213	52·4	Whooping-cough 10.
BATON -	1,077,228	August 18	-	553	26·7	Scarlet fever 13; diphtheria 9.
BATON -	527,830	" 18	-	279	27·5	Diarrhoeal diseases 101; diphtheria 9.
BATON -	850,856	" 25	-	328	20·1	Typhoid fever 17; scarlet fever 10.
BATON -	363,000	" 18	-	205	29·3	Diarrhoeal diseases 70.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 15th SEPTEMBER, 1877.

[Under the Superintendence of the Astronomer Royal.]

MOON.		READINGS OF THERMOMETERS.										DIFFERENCE			Degree of Hu- midity, complete saturation being represented by 100.		WIND.					RAIN.							
Phases of Moon.		Baro- METER.		Dry			Dew Point.		Highest in the sun, as shown by a self-regis- tering thermo- meter with blackened bulb in vacuo, placed on the grass.		Lowest on the Grass, as shown by a self-regis- tering thermo- meter.		In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between Dew Point and Air Temperature.		Between mean tem- perature of the day and mean tem- perature of the same day on an average of 60 years.*		General Direction.		Pressure on square foot.		Amount of Horizontal Movement of Air each day.		Depart- ure from surface Average of 16 years.	Collected in a Gauge whose receiving surface is 5 in. above the ground.			
		Mean daily reading (cor- rected and re- duced to 32° Fahr. (heit)).	in.	High- est.	Low- est.	Range in day.	Mean daily value.	Mean daily value.	Mean daily value.	Thermo- meter placed on the grass.	Thermo- meter.	Thermo- meter.	Thermo- meter.	Thermo- meter.	Thermo- meter.	Mean daily value.	Great- est.	Least.	Mean of 24 Obs.	P. M.	A. M.	General Direction.	Great- est.	Least.	Mean of 24 Obs.	Miles.	Miles.	Sum	Sum
1877.																													
MONTH AND DAY.																													
SEPT.																													
SUN.	9	29.812	65.5	49.1	16.4	56.7	46.0	121.9	45.4	60.3	58.5	10.7	16.9	4.0	0	1.4	68	ENE. & E.	ENE. & NE.	8.0	0.0	0.0	0.7	332	+ 50	0.00	0.0	0.0	
MON.	10	29.846	63.7	50.7	13.0	56.3	51.8	86.1	46.8	60.3	58.3	4.5	11.2	2.2	0	1.7	85	NE. & E.	E. & ESE.	0.0	0.0	0.0	0.0	122	- 165	0.01	1.2	12.8	
TUES.	11	29.611	73.4	52.5	20.9	60.5	54.3	121.2	46.8	59.5	58.3	6.2	16.0	0.6	0	2.7	80	SE. & SSE.	S. & SW.	3.8	0.0	0.4	280	- 9	0.08	12.8	14.1		
WED.	12	29.710	67.5	55.6	11.9	60.4	50.9	122.4	49.0	60.3	58.3	9.5	14.8	3.5	0	2.8	71	SSW. & SW.	SW.	10.0	0.0	2.2	516	+ 225	0.00	14.1	7.0		
THURS	13	29.818	66.3	52.5	13.8	58.9	53.1	101.5	45.3	60.3	58.6	5.8	12.4	1.0	0	1.5	81	SW.	SW.	10.5	0.0	1.5	477	+ 186	0.02	7.0	5.9		
FRI.	14	29.79	67.1	59.1	8.0	61.7	56.9	85.6	57.0	60.3	59.3	4.8	7.2	2.5	0	4.5	84	SW.	SW.	10.0	0.0	1.8	517	+ 228	0.00	5.9	5.0		
SAT.	15	29.794	65.6	53.3	12.3	58.0	50.3	101.4	45.0	60.3	59.6	7.7	12.0	2.7	0	0.9	76	SW. & W.	NNW. & N.	13.0	0.0	0.9	387	+ 103	0.05	5.0	6.6		
MEANS .		29.769	67.0	53.3	13.8	58.9	51.9	105.7	47.9	60.2	58.7	7.0	12.9	2.4	0	1.3	78	Variable.		Sum 2631	+ 618	Sum 0.16	26	27	
No. of Col.		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27				

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873. *In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

SKY AND ATMOSPHERE.

DATE.	Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY . 9		2.4	13.0	Fine; generally cloudy.
MONDAY 10		0.7	12.9	Cloudy; slight showers.
TUESDAY . 11		0.7	12.9	Fine in morning; overcast till evening, and rain fell heavily between 3h. and 4h. P.M.; cloudless at night.
WEDNESDAY 12	The electrical apparatus was under repair.	5.8	12.8	Fine; partially cloudy. Slight showers in evening.
THURSDAY . 13		0.2	12.7	Overcast generally. Occasional rain.
FRIDAY . 14		0.0	12.7	Overcast generally. Occasional thin rain.
SATURDAY . 15		1.4	12.6	Cloudy. Rain fell in the early morning hours.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, SEPT. 22. [Price 1½d.

*General Register Office, Somerset House,
24th September, 1877.*

UNITED KINGDOM.

During last week 5728 *births* and 2950 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2778. The mortality from all causes was at the average rate of 19 deaths annually in every 1000 persons living. The annual death-rate was 19 per 1000 in Edinburgh, 19 in Glasgow, and 20 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Brighton 13, Portsmouth 16, Norwich 16, Plymouth 16, Sheffield 17, Bristol 17, London 17, Leeds 17, Cardiff 19, Leicester 19, Newcastle 19, Oldham 20, Wolverhampton 21, Manchester 21, Birmingham 22, Nottingham 22, Hull 23, Sunderland 24, Salford 24, Liverpool 25. The annual death-rate from the seven principal zymotic diseases averaged 3·7 per 1000 in the twenty towns, and ranged from 1·9 in Brighton, to 6·3 and 6·9 in Salford and Liverpool. Small-pox caused 12 deaths in the twenty towns, of which 10 occurred in London, one in Manchester, and one in Salford. Whooping-cough caused 21 deaths in Liverpool, and scarlet fever 12 in Manchester. The deaths referred to typhus and enteric fever in the twenty towns which were 48 and 63 in the two preceding weeks, further rose to 79 last week.

LONDON.

IN LONDON 2286 BIRTHS and 1179 DEATHS were registered. Allowing for the increase of population, the births were 71, and the deaths 150, below the average rates in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two preceding weeks had been equal to 17·4 and 17·4 per 1000, declined again last week to 17·4. During the past twelve weeks of the current quarter the death-rate has averaged but 19·4 per 1000, against 21·5 per 1000 in the corresponding periods of 1875 and 1876.

The 1179 deaths included 10 from small-pox, 22 from measles, 30 from scarlet fever, 8 from diphtheria, 18 from whooping-cough, 31 from different forms of fever, and 71 from diarrhoea; thus to the seven principal diseases of the zymotic class 190 deaths were referred, against 182 and 226 in the two preceding weeks. These 190 deaths were 103 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an average rate of 2·8 per 1000. The 22 fatal cases of measles differed but slightly from the numbers in recent weeks, and were proportionally most numerous in the inner districts. The 30 deaths from scarlet fever showed a decline of 8 from the number in the previous week, but included 6 in Islington (several of which occurred in streets which recently suffered so severely from small-pox), and 4 in Clerkenwell. Three deaths from whooping-cough occurred in Bermondsey, and 2 in Islington Town and 2 in Haggerston. The 31 deaths referred to fever showed a slight increase upon the numbers in recent weeks; 2 fatal cases were certified as typhoid, 24 as enteric or typhoid, and 5 as simple continued fever. One death from typhus occurred at 1, Floreston Street, Mile End, and the other in the Smallpox Hospital; the latter case had been admitted from 3, St. George's-in-the-East. Of the 24 deceased enteric fever patients, 4 had been in Islington, 2 in Mile End Old Town, 2 in Whitechapel, 2 in Bow, and 2 in Haggerston. The deaths from diarrhoea, which in the five previous weeks had ranged from 194 to 86, further fell to 71 last week, and were 35 below the corresponding weekly average; 63 were of children under five years of age, including 54 under one year of age. Two deaths were certified from simple cholera and one from diarrhoea.

The deaths from small-pox, which had been 8 and 10 in the two previous weeks, were again 10 last week, of which 7 occurred in the Metropolitan Asylum Small-pox Hospitals, and 3 in private dwellings in Somers Town, Bethnal Green, and Newington. Two of the fatal hospital cases belonged to Hackney, and 2 to Camberwell. Eight of the fatal cases were certified as unvaccinated, one adult case was certified as vaccinated, and in one case the medical certificate did not give any information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals which in the seventeen preceding weeks had declined from 964 to 181, further fell last week to 160; the number of new cases admitted during the week were 32, against 24 and 35 in the two previous weeks. The number of patients in the Highgate Small-pox Hospital, which had been 19 and 18 at the end of the two preceding weeks, further fell to 14 on Saturday last.

Six deaths were referred to puerperal fever, and 5 to the accidents of child-birth; the six deaths from puerperal fever somewhat exceeded the corrected average number, and included 4 in South London, of which 2 occurred in Battersea.

Different forms of violence caused 40 deaths; 37 were the result of negligence or accident, including 13 from fractures and contusions, 3 from burns and scalds, 9 from drowning, and 6 of infants under one year of age from suffocation. The 13 deaths from fractures and contusions were thus caused: males 37 and 75, fell from vans; male 8, run over by van; female 3, knocked down by omnibus horses; male 47, fell from scaffold; male 10, fell from ladder; male 47, fell from building; male 30, fell into area; and males 7 months, 8 months, and 49 years, and females 40 and 47, injured by falls, the nature of the fall not being stated in any of these five cases. An inquest was held in each of these 13 fatal cases of fractures and contusions. The death of an adult male, aged 43 years, was certified to be due to "asphyxia," the certificate, however, gives no clue to the cause of the asphyxia; the death has been referred to suffocation.

In the large Public Institutions 235 deaths were recorded, or 20 per cent. of the total deaths; of these, 154 occurred in Workhouse Establishments, 79 in Hospitals, and 2 in Lunatic Asylums.

GREATER LONDON.

In Greater London 2773 births and 1392 deaths were registered, equal to annual rates of 33·1 and 16·6 per 1000 of the population. In the Outer Ring, three fatal cases of small-pox were recorded in West Ham, and one in Croydon. Three deaths were referred to diphtheria in Stratford, one in Croydon, one in Kingston, and one at Bromley (Kent).

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 30, Bombay 55, Madras 141; Paris 20; Geneva 19; Amsterdam 23, Rotterdam 20, The Hague 25; Copenhagen 20; Stockholm 27; Christiania 20; St. Petersburg 33; Berlin 32, Hamburg 25, Dresden 27, Breslau 33, Munich 35; Vienna 21; Buda-Pesth 34, Rome 21, Naples 22, Turin 20, Venice 17; Alexandria 59; New York 29, Brooklyn 29, Philadelphia 20, and Boston 23. In Bombay 229 deaths resulted from remittent fever, and 91 from cholera; dysentery caused 267, and cholera 142 deaths in Madras.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·89 in., the highest reading was 30·16 in. on Monday evening, and the lowest 29·60 in. on Thursday evening. The mean temperature of the *air* was 51°·1, and 4°·9 below the average in the corresponding week of the 60 years 1814-73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was considerably below the average on each day of the week; on Friday the mean was so low as 46°·9, showing a deficiency of 8°·6. The lowest night temperature was 38°·5 on Friday, and the highest day temperature in the shade 65°·2 on Sunday; the extreme range in the week was, therefore, 26°·7. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 113°·8 on Saturday. The difference between the mean *dew-point* and *air* temperature averaged 5°·8. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 58°·7. The mean degree of *humidity* of the air was 81, complete saturation being represented by 100. The general direction of the wind was northerly, and the horizontal movement of the air averaged 9·3 miles per hour, which was 1·9 below the average in the corresponding week of 16 years. *Rain* fell on two days of the week to the aggregate amount of 0·16 of an inch. The duration of registered sunshine in the week was 20·8 hours, the sun being above the horizon during 86·5 hours.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames was 265,385 cubic metres at Crossness, and 345,047 cubic metres at Barking, equivalent to about as many tons by weight.

BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 22nd September 1877.

	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 22nd September 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.		In Inches.	In Centimetres.
the } OM }	212,881	8,144,940	38·3	5728	2950	68·3	31·3	51·1	10·62	0·11	0·28
-	75,362	3,533,484	46·9	2286	1179	65·2	38·5	51·1	10·62	0·16	0·41
-	2,354	102,264	43·4	52	25	61·0	39·1	50·6	10·34	0·13	0·33
-	4,486	127,144	28·3	105	33	-	-	-	-	-	-
-	7,472	84,023	11·2	47	25	63·5	43·0	51·6	10·90	0·37	0·94
-	1,395	72,911	52·3	39	23	66·0	41·0	53·9	12·17	0·02	0·05
-	4,452	202,950	45·6	140	66	63·3	36·9	51·4	10·79	0·01	0·03
N -	3,396	73,389	21·6	51	29	60·5	36·7	49·0	9·44	0·05	0·13
-	8,400	377,436	44·9	305	156	-	-	-	-	-	-
-	3,200	117,461	36·7	90	43	-	-	-	-	-	-
-	1,996	95,025	47·6	73	40	66·6	38·0	51·1	10·62	0·09	0·23
-	5,210	527,083	101·2	450	255	59·2	42·0	50·9	10·50	0·16	0·41
-	4,293	359,213	83·7	279	147	-	-	-	-	-	-
-	5,170	141,184	27·3	128	66	66·5	31·3	48·9	9·39	0·06	0·15
-	4,666	89,796	19·2	90	35	-	-	-	-	-	-
-	7,220	179,315	24·8	157	65	63·8	40·0	51·0	10·56	0·05	0·13
-	21,572	298,189	13·8	263	100	65·0	41·0	52·1	11·17	0·02	0·05
-	19,651	282,130	14·4	213	92	65·6	40·0	51·1	10·62	0·06	0·15
-	3,635	140,002	38·5	111	61	62·0	40·0	50·0	10·00	0·32	0·81
-	3,306	110,382	33·4	83	50	65·0	43·0	51·5	10·84	0·37	0·94
TYNE	5,371	142,231	26·5	106	53	-	-	-	-	-	-
-	4,191	218,729	52·2	110	83	65·0	39·0	51·5	10·84	0·05	0·13
-	6,033	555,933	92·1	364	206	65·0	40·0	52·5	11·39	0·00	0·00
-	10,050	314,666	31·3	186	118	61·6	38·8	51·3	10·73	0·02	0·05

the Meteorological Observers in the several towns, see note at foot of Table 4.
 for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The Dublin is taken as stationary at the number enumerated in April 1871.

DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population 1,612 persons, and in DUBLIN, during the Week ending Saturday the 22nd September 1877.

No.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhœa.	Violence.		
-	18·8	3·7	2543	669	471	12	39	67	17	61	79	224	85	139	404
-	17·4	2·8	1179	272	242	10	22	30	8	18	31	71	40	74	235
-	12·8	2·6	25	6	9	-	-	-	-	-	1	4	-	-	4
-	13·5	3·7	33	7	7	-	-	-	-	1	5	3	1	2	2
-	15·5	1·9	25	5	8	-	-	2	-	-	-	1	1	2	4
-	16·5	3·6	23	3	7	-	-	3	-	-	1	1	1	2	-
-	17·0	4·9	66	21	13	-	3	-	-	6	4	6	-	-	6
N	20·6	4·3	29	5	6	-	-	4	-	-	-	2	1	1	6
-	21·6	5·7	156	43	25	-	4	3	1	2	9	22	8	12	17
-	19·1	3·1	43	19	7	-	-	-	-	1	1	5	1	2	7
-	22·0	2·2	40	12	12	-	-	-	-	-	-	4	1	1	4
-	25·2	6·9	255	73	31	-	3	1	3	21	10	32	15	16	43
-	21·4	6·0	147	34	24	1	3	12	2	2	6	15	3	13	27
-	24·4	6·3	66	23	8	-	-	-	-	-	2	15	4	4	5
-	20·3	2·9	35	9	5	-	-	-	-	2	1	2	1	1	3
-	18·9	3·5	65	17	6	1	-	3	-	3	1	4	-	-	8
-	17·5	2·3	100	41	15	-	-	2	-	1	1	9	4	5	3
-	17·0	3·3	92	26	19	-	4	2	-	1	1	10	-	-	13
-	22·7	6·0	61	25	6	-	-	2	2	-	1	11	3	4	4
-	23·6	5·7	50	15	11	-	-	2	1	1	3	5	1	-	6
TYNE	19·4	2·2	53	13	10	-	-	1	-	2	1	2	-	-	7
-	19·6	3·8	118	19	16	-	5	4	-	2	8	4	2	3	31

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the THIRTY-EIGHTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2215	2080	2252	2174	2101	2259	2178	2216	2127	2423	2202·5	2286
Males . .	1121	1011	1144	1092	1049	1144	1082	1111	1101	1213	1106·8	1156
Females . .	1094	1069	1108	1082	1052	1115	1096	1105	1026	1210	1095·7	1130
TOTAL Deaths	1138	1220	1362	1212	1411	1106	1233	1137	1319	1280	1241·8	1179
Males . .	596	623	696	634	707	590	655	584	680	645	641·0	609
Females . .	542	597	666	578	704	516	578	553	639	635	600·8	570

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867-76 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	June 30.	July 7.	July 14.	July 21.	July 28.	Aug. 4.	Aug. 11.	Aug. 18.	Aug. 25.	Sept. 1.	Sept. 8.	Sept. 15.	Sept. 22.
TOTAL Deaths - - -	1300	1322	1449	1438	1430	1439	1293	1309	1261	1238	1180	1261	1179
0—20 - - -	609	691	795	788	789	778	725	739	694	657	579	631	528
20—40 - - -	205	189	182	174	190	189	161	152	177	198	181	196	194
40—60 - - -	249	206	217	225	206	224	192	207	186	177	208	195	215
60—80 - - -	196	194	223	202	206	222	176	191	175	174	178	196	196
at 80 years & upwds.	41	42	32	49	39	26	39	20	29	32	34	43	46
Deaths of { Under 1 year -	275	378	447	498	464	461	439	440	432	404	349	329	272
children { 1—5 - - -	224	207	227	192	199	239	209	211	166	176	158	214	170
{ 5—20 - - -	110	106	121	98	126	78	77	88	96	77	72	83	86
Deaths from 7 principal Zymo- totic Diseases }	223	244	324	332	338	315	300	346	260	259	182	226	190
„ „ Smallpox - - -	44	23	32	35	27	22	20	21	11	20	8	10	10
„ „ Measles - - -	45	44	28	42	51	51	43	49	29	17	23	23	22
„ „ Scarlet Fever - -	24	18	21	19	25	15	21	24	24	26	17	38	30
„ „ Diphtheria - - -	6	9	7	6	4	8	6	12	2	5	7	7	8
„ „ Whooping-cough -	28	35	46	36	23	21	29	18	17	19	19	32	18
„ „ Typhus fever - - -	6	6	1	2	2	2	2	1	1	5	2	3	2
„ „ { Enteric (or Ty- phoid) fever - }	15	10	14	15	15	13	10	20	14	12	17	23	24
„ „ { Simple Cont ^d fever	5	3	6	4	7	7	3	7	4	1	2	4	5
„ „ Diarrhœa - - -	50	96	169	173	184	176	166	194	158	154	87	86	71
„ „ Simple Cholera -	2	6	14	9	9	8	5	3	7	7	6	1	2
„ „ Dis. of Respira- tory Organs - }	162	144	159	181	169	144	117	125	124	108	111	152	159
„ „ Phthisis - - -	198	176	159	149	153	166	129	141	151	148	154	146	153
„ „ Heart Diseases -	77	62	76	76	84	81	66	66	61	71	69	82	67
Violent Deaths - - -	52	56	60	42	44	49	38	44	58	48	48	39	40
Inquest Cases - - -	86	86	96	75	89	99	66	75	89	79	92	74	74
Deaths in Public Institutions	281	255	271	265	245	239	220	221	218	227	217	245	235
TEMPERATURE OF THE AIR:													
Mean - - -	61·6	58·2	61·1	59·1	60·8	63·3	62·5	63·7	62·0	59·5	53·5	58·9	51·1
Mean of Highest readings -	76·8	71·6	73·9	69·0	71·3	76·5	73·5	76·3	73·0	69·6	65·2	67·0	59·8
Mean of Lowest readings -	50·0	48·9	50·7	53·0	53·4	53·8	54·6	55·0	53·6	53·1	44·3	53·3	44·6
Mean Temperature of the Water of the Thames - }	65·6	65·8	64·6	64·3	64·2	66·2	65·8	66·3	66·7	64·3	61·3	59·5	58·7
Humidity of the Air - - -	61	71	71	76	80	69	72	74	70	76	72	78	81
Rain-fall in inches - - -	0·01	0·63	0·37	0·84	0·60	0·09	0·71	0·01	1·67	0·42	0·78	0·16	0·16
Registered Sunshine (in hours)	58·4	46·0	40·5	37·8	21·7	46·6	34·6	39·1	41·5	37·8	37·7	11·2	20·8

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Pilliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yell, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-EIGHTH Week of the Year 1877.

PATH.		Average in the Thirty-eighth Weeks of the 10 years 1867-76.	In the Week ending Saturday, September 22, 1877.]										CAUSES OF DEATH.		Average in the Thirty-eighth Weeks of the 10 years 1867-76.	In the Week ending Saturday, September 22, 1877.									
			Deaths of Persons of the Ages													Deaths of Persons of the Ages									
			ALL AGES.	Under 20.			40. 20 and under	60. 40 and under	80. 60 and under	80 Years and upwards.	ALL AGES.	Under 20.				40. 20 and under	60. 40 and under	80. 60 and under	80 Years and upwards.						
				Mean Tem.	0-1.	1-5.						5-20.								Mean Tem.	0-1.	1-5.	5-20.		
re	-	56.4	51.1	0-1.	1-5.	5-20.	20 and under	40 and under	60 and under	80 Years and upwards.	Mean Temperature	56.4	51.1	0-1.	1-5.	5-20.	20 and under	40 and under	60 and under	80 Years and upwards.					
SES	-	1241.8	1179	272	170	86	194	215	196	46	9. Stricture of Intestines	.8	-	-	-	-	-	-	-	-					
ESES.	-	1233.0	1176	272	169	86	194	213	196	46	10. Fistula	.4	1	-	-	-	-	-	1	-					
	-										11. Stomach Disease, &c.	6.4	9	-	1	1	-	3	4	-					
	-										12. Pancreas Disease, &c.	-	-	-	-	-	-	-	-	-					
	-										13. Hepatitis	3.7	1	-	-	-	-	-	1	-					
	-										14. Jaundice	4.6	4	-	1	-	-	1	2	-					
	-										15. Liver Disease, &c.	17.3	13	-	-	-	2	8	3	-					
	-										16. Spleen Disease, &c.	.5	-	-	-	-	-	-	-	-					
	-										ORDER 5.														
	-										1. Nephritis	2.0	2	1	-	-	1	-	-	-					
	-										2. Ischuria	.3	-	-	-	-	-	-	-	-					
	-										3. Bright's Dis. (Nephria)	11.3	7	-	-	-	4	3	-	-					
	-										4. Diabetes	1.7	5	-	-	-	3	2	-	-					
	-										5. Calculus (Stone)	.9	-	-	-	-	-	-	-	-					
	-										6. Cystitis	.4	2	-	-	-	-	-	2	-					
	-										7. Kidney Disease, &c.	9.0	7	-	-	1	1	2	2	1					
	-										ORDER 6.														
	-										1. Ovarian Dropsy	.4	1	-	-	-	-	-	1	-					
	-										2. Uterus Disease, &c.	3.4	4	-	-	1	2	-	1	-					
	-										ORDER 7.														
	-										1. Synovitis (Arthritis)	.3	1	-	-	-	1	-	-	-					
	-										2. Joint Disease, &c.	4.2	6	1	1	1	1	-	2	-					
	-										ORDER 8.														
	-										1. Phlegmon	2.2	4	1	-	-	1	1	1	-					
	-										2. Ulcer	1.4	2	-	-	-	-	-	2	-					
	-										3. Skin Disease, &c.	1.8	1	1	-	-	-	-	-	-					
	-										IV. DEVELOPMENTAL DISEASES.														
	-										ORDER 1.														
	-										1. Premature Birth	19.6	21	21	-	-	-	-	-	-					
	-										2. Cyanosis	1.7	3	2	-	1	-	-	-	-					
	-										3. Spina Bifida	1.1	1	1	-	-	-	-	-	-					
	-										4. Other Malformations	.9	3	2	-	1	-	-	-	-					
	-										5. Teething	12.1	6	2	4	-	-	-	-	-					
	-										ORDER 2.														
	-										1. Paramenia	-	-	-	-	-	-	-	-	-					
	-										2. Childbirth (see Puer- peral Fever)	5.1	5	-	-	-	3	2	-	-					
	-										ORDER 3.														
	-										1. Old Age	38.0	46	-	-	-	-	-	21	25					
	-										ORDER 4.														
	-										1. Atrophy and Debility	71.8	62	43	10	-	1	2	6	-					
	-										V. VIOLENT DEATHS, &c.														
	-										ORDER 1.														
	-										(ACCIDENT OR NEGLIGENCE.)														
	-										1. Fractures & Contusions	16.6	13	2	1	2	2	5	1	-					
	-										2. Wounds { Gunshot - Cut, Stab }	1.2	-	-	-	-	-	-	-	-					
	-										3. Burns and Scalds	3.8	3	-	2	-	1	-	-	-					
	-										4. Poison	1.0	1	1	-	-	-	-	-	-					
	-										5. Drowning	6.9	9	-	-	4	2	3	-	-					
	-										6. Suffocation	6.7	9	6	-	1	-	2	-	-					
	-										7. Otherwise	2.6	2	-	-	-	-	-	-	-					
	-										ORDER 3.														
	-										(HOMICIDE.)														
	-										1. Murder & Manslaughter	1.5	1	1	-	-	-	-	-	-					
	-										ORDER 4.														
	-										(SUICIDE.)														
	-										1. Wounds { Gunshot - Cut, Stab }	.4	-	-	-	-	-	-	-	-					
	-										2. Poison	.9	1	-	-	-	-	-	-	-					
	-										3. Drowning	1.4	-	-	-	-	1	-	-	-					
	-										4. Hanging	1.2	1	-	-	-	-	-	-	-					
	-										5. Otherwise	.5	-	-	-	-	-	-	-	-					
	-										ORDER 5.														
	-										(EXECUTION.)														
	-										1. Hanging	-	-	-	-	-	-	-	-	-					
	-										Violent Deaths(not classed)	.9	-	-	-	-	-	-	-	-					
	-										Sudden Deaths (Cause unascertained)	.6	-	-	-	-	-	-	-	-					
	-										Causes not specified or ill-defined	8.2	3	-	1	-	-	2	-	-					

person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, TYPHUS, ENTERIC (OR TYPHOID) FEVER, SIMPLE CONTINUED FEVER, DIARRHŒA, and VIOLENCE, during the Week ending

REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include												
				Deaths of		Deaths from										
				Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhœa.	Violence.	Unnatural Causes.
LONDON - - -	3,254,260	2286	1179	272	242	10	22	30	8	18	2	24	5	71	40	73
WEST DISTRICTS - - -	561,359	346	156	39	32	-	3	6	2	3	-	2	-	6	2	9
NORTH DISTRICTS - - -	751,729	538	252	49	42	6	6	10	3	3	-	7	-	12	8	13
CENTRAL DISTRICTS - - -	334,369	182	121	26	23	-	2	5	-	-	-	2	-	9	4	16
EAST DISTRICTS - - -	639,111	461	280	64	61	1	8	5	-	5	1	5	-	21	13	22
SOUTH DISTRICTS - - -	967,692	759	370	94	84	3	3	4	3	7	1	8	5	23	13	24
WEST DISTRICTS.																
St. Mary Paddington WH - - -	58728	33	13	3	6	-	-	-	1	1	-	-	-	-	-	-
St. John Paddington H - - -	38085	12	8	1	2	-	-	-	-	-	-	-	-	-	-	-
Kensington Town W - - -	91645	85	23	6	6	-	2	1	-	1	-	-	-	-	-	-
Brompton H - - -	28654	19	10	2	1	-	-	-	-	-	-	-	-	1	1	1
St. Peter Hammersmith - - -	6662	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith H - - -	36029	32	9	2	2	-	-	2	-	-	-	1	-	-	-	-
Fulham WvH - - -	23350	29	8	2	2	-	-	-	-	-	-	-	-	-	-	-
Chelsea South HHH - - -	26420	15	12	4	3	-	-	-	-	1	-	-	-	2	-	-
Chelsea North-west WHHHH - - -	22926	17	10	4	2	-	1	-	-	-	-	-	-	-	-	-
Chelsea North-east - - -	21392	17	9	2	3	-	-	-	-	-	-	-	-	-	-	-
Hanover Square H - - -	18698	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-
May Fair WW - - -	13358	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Belgrave HH - - -	57972	29	12	3	-	-	-	-	-	-	-	-	-	-	-	-
St. John Westminster HH - - -	38478	16	11	4	1	-	-	1	1	-	-	1	-	1	-	-
St. Margaret Westminster WH - - -	27781	13	10	2	2	-	-	1	-	-	-	-	-	-	-	-
Golden Square WH - - -	12360	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Berwick-street H - - -	20759	5	8	3	1	-	-	1	-	-	-	-	-	1	-	-
St. Anne Soho HHHHH - - -	17562	9	1	1	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DISTRICTS.																
All Souls Marylebone HHHH - - -	28579	15	13	-	-	-	-	-	-	-	-	-	-	-	-	-
Cavendish Square HH - - -	15425	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone WH - - -	26384	15	14	1	5	-	-	-	-	-	-	-	-	-	-	-
St. Mary Marylebone HHH - - -	21786	18	5	3	-	-	-	-	1	-	-	-	-	2	-	-
Christchurch Marylebone H - - -	33944	20	4	2	-	-	-	-	-	-	-	-	-	-	-	-
St. John Marylebone H - - -	33136	16	7	1	1	-	1	1	-	1	-	-	-	-	-	-
Hampstead WvHH - - -	32281	21	12	1	3	1	-	-	1	-	-	-	-	-	-	-
Regent's Park Pancras - - -	38200	16	8	-	3	-	-	1	1	-	-	1	-	1	-	-
Tottenham-court WHHH - - -	29370	14	14	-	2	-	-	-	-	-	-	-	-	-	-	-
Gray's Inn Lane HHH - - -	29221	21	5	-	-	-	-	-	-	-	-	1	-	-	-	-
Somers Town - - -	38533	23	15	4	2	1	1	1	-	2	-	-	-	1	-	-
Camden Town WH - - -	17943	21	5	4	-	-	-	-	-	-	-	-	-	-	-	-
Kentish Town W - - -	68198	58	27	4	5	-	2	1	-	-	-	-	-	-	-	-
Islington West HHH - - -	97820	64	34	6	3	-	2	6	-	-	-	3	-	1	-	-
Islington East WvWH - - -	115958	98	40	11	6	-	-	-	-	-	-	1	-	4	-	-
Stoke Newington H - - -	9841	14	7	1	2	-	-	-	-	-	-	-	-	-	-	-
Stamford Hill - - -	6598	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney - - -	28069	29	8	3	2	-	-	-	-	-	-	1	-	1	-	-
Hackney WvWH - - -	50104	40	25	6	7	4	-	-	-	-	-	-	-	-	2	-
South Hackney - - -	30339	27	6	2	1	-	-	-	-	-	-	-	-	-	1	-
CENTRAL DISTRICTS.																
St. George Bloomsbury - - -	17853	4	3	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles South WH - - -	19109	12	14	2	3	-	-	-	-	-	-	-	-	3	1	-
St. Giles North - - -	16594	13	3	2	1	-	-	-	-	-	-	-	-	-	-	-
Long Acre - - -	11379	7	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Charing Cross HH - - -	9859	2	5	-	1	-	-	-	-	-	-	-	-	-	1	-
St. Mary-le-Strand - - -	9378	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes H - - -	10723	3	5	4	-	-	-	-	-	-	-	-	-	3	-	-
St. George-the-Martyr HHHHH - - -	20521	8	9	1	1	-	-	-	-	-	-	-	-	1	-	-
St. Andrew Eastern W - - -	13529	4	12	2	1	-	-	1	-	-	-	-	-	-	-	-
Saffron Hill H - - -	9066	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell W - - -	18917	26	6	2	1	-	-	1	-	-	-	-	-	-	-	-
Amwell Clerkenwell - - -	16884	10	8	1	1	-	-	2	-	-	-	-	-	-	-	-
Pentonville - - -	13337	10	8	2	4	-	1	1	-	-	-	-	-	-	-	-
Goswell-street - - -	16242	11	3	2	-	-	-	-	-	-	-	1	-	1	-	-
Old-street H - - -	12161	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-
City-road HHL - - -	18301	20	6	-	3	-	-	-	-	-	-	-	-	-	-	-
Whitecross-street - - -	13792	4	8	3	1	-	-	-	-	-	-	-	-	-	-	-
Finsbury - - -	10741	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph East London H - - -	14540	12	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Cripplegate - - -	13638	4	1	-	1	-	-	-	-	-	-	-	-	-	1	-
St. Sepulchre H - - -	7562	1	9	1	2	-	-	-	-	-	-	-	-	-	-	-
St. Bride W - - -	11185	3	5	-	2	-	1	-	-	-	-	-	-	-	-	-
Castle Baynard - - -	4426	1	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - -	6270	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - -	4753	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - -	5764	1	2	-	1	-	-	-	-	-	-	1	-	-	-	-
Broad-street H - - -	7845	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see also at the foot of next page.

ERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
September 1877.

The DEATHS registered in the Week include																	
DISTRICTS.	Enu- merated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhea.	Violence.		
DISTRICTS.																	
St. Mark's HL†	12430	5	7	2	1	-	2	-	-	-	-	-	-	-	-	-	
St. Mark's W	16545	6	5	1	1	-	1	-	-	-	-	-	-	-	-	1	
St. Mark's W	27835	22	20	4	6	-	-	1	-	-	-	-	-	1	-	5	
St. Mark's W	26933	27	16	5	1	-	-	-	-	-	-	-	-	1	2	4	
St. Mark's W	43421	29	23	7	3	-	-	-	-	2	-	-	-	1	2	7	
St. Mark's WHL†	29822	20	10	2	2	-	1	-	-	1	-	-	-	1	-	-	
St. Mark's W	42433	26	32	8	10	-	-	-	-	-	-	-	-	2	6	10	
St. Mark's W	26577	25	9	2	1	-	-	-	-	-	-	-	-	1	-	11	
St. Mark's W	21272	16	6	1	1	1	1	-	-	-	-	-	-	-	-	-	
St. Mark's W	22499	9	7	2	2	-	1	-	-	-	-	-	-	2	-	-	
St. Mark's W	15550	6	12	-	2	-	-	-	-	-	-	-	-	-	-	11	
St. Mark's H	11597	5	5	2	1	-	1	-	-	-	-	-	-	2	-	-	
St. Mark's W	7322	6	15	1	2	-	-	1	-	-	-	-	-	-	2	10	
St. Mark's W	10381	5	3	2	-	-	-	-	-	-	-	-	-	2	-	-	
St. Mark's W	9224	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. Mark's East	17900	10	3	-	1	-	-	-	-	-	-	-	-	-	-	-	
St. Mark's East	21350	11	7	5	1	-	-	-	-	-	-	-	-	2	-	-	
St. Mark's East W	8802	4	8	2	3	-	-	-	-	-	-	-	-	2	-	8	
St. Mark's W	11640	7	5	-	1	-	1	-	-	-	-	-	-	1	-	2	
St. Mark's W	16131	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Mark's W	29919	27	8	2	3	-	-	-	-	1	-	1	-	1	-	-	
St. Mark's Western	38128	28	12	3	2	-	-	-	-	1	-	2	-	-	-	-	
St. Mark's Eastern W	55024	56	20	4	3	-	-	2	-	-	1	-	-	-	1	3	
St. Mark's W	67765	62	32	6	10	-	-	1	-	-	-	2	-	2	2	12	
St. Mark's W	48611	38	12	2	4	-	-	-	-	-	-	-	-	-	1	-	
DISTRICTS.																	
St. Mark's WH	14573	10	4	2	1	-	-	-	-	-	-	-	-	-	-	-	
St. Mark's H	15677	14	6	4	1	-	-	-	-	-	-	-	-	-	-	-	
St. Mark's W	20421	18	7	1	1	-	-	-	-	-	-	-	-	-	1	-	
St. Mark's W	16695	7	3	1	-	-	1	-	-	-	-	-	-	-	1	-	
St. Mark's W	18961	14	6	2	1	-	-	-	-	-	-	-	-	1	-	-	
St. Mark's W	23682	16	10	1	3	1	-	-	-	-	-	-	-	1	-	-	
St. Mark's W	48248	36	19	3	5	-	-	1	-	1	-	-	-	1	-	6	
St. Mark's W	16792	9	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. Mark's H	4373	2	11	-	3	-	-	-	-	-	-	-	-	1	1	1	
St. Mark's W	10500	6	5	1	1	-	-	-	-	-	-	-	-	1	1	9	
St. Mark's W	16787	7	4	1	-	-	-	-	-	-	-	-	-	1	-	-	
St. Mark's W	15709	9	5	1	3	-	-	1	-	-	-	-	-	1	-	2	
St. Mark's W	47933	47	16	8	2	-	-	-	-	3	-	-	-	1	-	-	
St. Mark's W	27096	22	10	2	3	-	1	-	-	-	-	-	-	1	1	2	
St. Mark's H	14074	8	5	2	-	-	-	-	-	1	-	-	-	-	1	1	
St. Mark's H	18465	5	8	1	2	-	-	-	-	-	-	-	-	-	-	-	
St. Mark's H	19492	11	10	2	-	-	-	-	-	-	-	-	-	-	-	-	
St. Mark's WW	35833	34	24	5	8	-	-	-	-	-	-	2	-	1	-	5	
St. Mark's W	41286	27	10	2	4	-	-	-	-	-	-	-	-	1	-	8	
St. Mark's W	31221	13	11	1	3	-	-	-	-	-	-	-	-	-	-	-	
St. Mark's W	35435	31	21	2	3	2	-	-	1	-	1	4	1	1	-	8	
St. Mark's W	12536	12	8	2	4	-	-	-	-	-	-	-	-	1	-	-	
St. Mark's W	27347	17	5	-	1	-	-	-	-	-	-	-	-	-	1	2	
St. Mark's W	54016	66	28	11	3	-	-	-	-	-	-	1	-	-	3	4	
St. Mark's W	19783	13	3	1	2	-	-	-	-	-	-	-	-	1	-	-	
St. Mark's W	9439	8	6	3	1	-	-	1	-	-	-	-	-	-	1	-	
St. Mark's W	14475	9	7	-	3	-	-	-	-	1	-	-	-	-	-	-	
St. Mark's W	4041	3	1	-	-	-	-	-	-	-	-	1	-	-	-	-	
St. Mark's W	31254	24	15	5	5	-	-	-	-	-	-	-	-	-	-	-	
St. Mark's W	42160	48	15	6	4	-	-	-	-	-	-	-	-	4	1	4	
St. Mark's W	33851	27	10	3	3	-	-	1	-	-	-	1	-	1	-	-	
St. Mark's W	53714	53	18	7	-	-	-	-	-	-	-	2	-	1	1	-	
St. Mark's W	6474	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
St. Mark's W	21034	21	11	3	3	-	-	-	-	-	-	-	-	-	2	-	
St. Mark's W	19378	18	5	1	1	-	-	-	-	-	-	-	-	-	1	3	
St. Mark's W	4539	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
St. Mark's H	16440	12	5	3	1	-	-	-	-	-	-	-	-	-	-	-	
St. Mark's W	11513	9	4	1	1	-	-	-	-	-	-	-	-	1	-	2	
St. Mark's W	19065	14	6	1	1	-	-	-	-	-	-	1	-	1	-	-	
St. Mark's W	9564	9	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
St. Mark's W	17226	17	6	1	3	-	-	-	-	-	-	-	-	1	1	-	
St. Mark's W	18331	13	4	2	-	-	1	-	-	-	-	-	-	-	-	-	
St. Mark's W	18027	5	2	-	1	-	-	-	-	-	-	-	-	-	1	-	
St. Mark's W	15232	12	8	1	-	-	-	-	-	-	-	-	-	-	-	5	

HOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the

Asylum in Tottenham-court sub-district.

" Kentish Town sub-district.

House in Islington East sub-district.

House " Hackney sub-district.

" Hoxton New Town sub-district.

" Mile End Old Town Eastern sub-dist.

icts of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston

Private Lunatic Asylums in which paupers are received.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.

Stepney " Bow sub-district.

Poplar & Stepney Sick Asylum

Westminster Union Industrial School in Battersea sub-district.

Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-

ney, Brixton, and St. Paul Deptford sub-districts.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during
Week ending Saturday, 22nd September 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Ename- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include											Violence.	Infectious Cases.
						Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.				
	LONDON—OUTER RING	368,414	631,381	487	213	50	49	4	3	4	6	4	3	11	10	13		
29: 1	Carshalton W - - -	12228	13523	8	3	-	2	-	-	-	-	-	-	-	-	-		
2	Epsom (part of) * WH -	9971	9145	3	-	-	-	-	-	-	-	-	-	-	-	-		
36: 1	Godstone (part of) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-		
37: 1	Croydon WWH - - -	20851	71319	38	24	7	6	1	1	1	1	-	-	-	1	1		
2	Mitcham WH - - -	11697	12534	13	3	1	-	-	-	-	-	-	-	-	1	1		
38: 1	Wimbledon HH - - -	3220	9087	6	1	-	-	-	-	-	-	-	-	-	-	-		
2	Kingston WH - - -	8549	27489	17	9	5	-	-	-	-	1	-	-	-	2	-		
3	Esher (part of) * - - -	6601	7353	3	1	-	-	-	-	-	-	-	-	-	-	1		
4	Hampton - - - -	4573	10185	8	9	2	-	-	-	-	-	-	-	-	-	-		
39: 1	Richmond WH - - -	2271	16829	10	3	1	-	-	-	-	-	-	-	-	1	1		
2	Mortlake - - - -	2961	9316	10	5	1	1	-	1	-	-	-	-	-	-	1		
40: 1	Bromley (part of) * HH -	15669	19509	25	7	2	1	-	-	-	1	-	1	1	-	-		
2	Chislehurst (part of) * W -	13665	10028	4	3	2	1	-	-	-	-	-	-	1	-	-		
41: 1	Bexley H - - - -	13439	19566	11	10	2	2	-	-	-	-	-	1	1	-	-		
123: 1	Sunbury W - - - -	11055	9360	7	4	1	1	-	-	-	-	-	-	-	1	1		
2	Staines W - - - -	13277	10339	2	1	-	-	-	-	-	-	-	-	-	-	-		
124: 1	Hillingdon WH - - -	6029	9712	5	3	1	2	-	-	-	-	-	-	-	-	-		
2	Uxbridge - - - -	6178	5329	2	-	-	-	-	-	-	-	-	-	-	-	-		
3	Hayes WL - - - -	14587	10497	5	3	-	3	-	-	-	-	-	-	-	-	-		
125: 1	Isleworth W - - - -	7008	19930	8	7	1	3	-	-	-	-	-	-	-	-	-		
2	Twickenham - - - -	2477	10533	6	4	3	1	-	-	-	-	-	-	-	2	-		
3	Brentford HL - - - -	4370	20279	25	4	1	1	-	-	-	-	-	-	-	-	1		
4	Chiswick - - - -	1311	8508	9	1	-	1	-	-	-	-	-	-	-	-	-		
5	Acton WH - - - -	6087	12683	13	4	-	2	-	-	-	-	-	-	-	-	-		
126: 1	Harrow H - - - -	13809	10869	13	1	1	-	-	-	-	-	-	-	-	-	-		
2	Edgware - - - -	6994	3450	1	1	-	-	-	-	-	-	-	-	-	-	-		
3	Willesden - - - -	4383	15869	15	5	2	1	-	-	-	-	-	-	-	-	-		
4	Hendon WH - - - -	8382	6972	5	1	-	1	-	-	-	-	-	-	-	-	-		
127: 1	South Mimms - - - -	15419	5924	1	2	-	1	-	-	-	-	-	-	-	-	-		
2	Barnet W - - - -	5423	7752	5	2	-	1	-	-	-	-	-	-	-	-	-		
3	Finchley L - - - -	4688	11493	8	5	-	1	-	-	-	-	-	1	-	-	-		
128: 1	Hornsey H - - - -	3039	19357	18	11	3	3	-	-	-	-	-	-	-	-	-		
2	Tottenham H - - - -	4642	22869	17	3	-	1	-	-	-	-	-	-	-	-	-		
3	Edmonton WW - - - -	7483	13860	6	9	1	3	-	-	1	-	-	-	-	1	-		
4	Enfield WH - - - -	12653	16054	10	4	-	1	-	-	-	-	-	-	-	-	-		
5	Waltham Abbey - - - -	11017	5197	1	2	1	1	-	-	-	-	-	-	-	1	-		
6	Cheshunt - - - -	8493	7518	6	3	-	-	-	-	-	-	-	-	-	-	1		
134: 1	Hatfield (part of) * - -	3180	559	1	1	1	-	-	-	-	-	-	-	-	-	-		
136: 1	Bushey - - - -	9028	6472	3	1	-	-	-	-	-	-	-	-	-	-	-		
185: 1	Stratford - - - -	882	23286	20	9	2	1	-	-	-	3	1	-	-	1	1		
2	West Ham WWWW - - -	7345	44642	67	20	6	1	3	1	1	-	3	-	1	-	-		
3	Leyton WW - - - -	4274	15513	19	9	2	1	-	-	1	-	-	-	-	-	-		
4	Walthamstow H - - -	6619	15701	7	7	-	3	-	-	-	-	-	-	-	-	-		
186: 1	Chigwell (part of) * H -	10483	8169	10	1	-	-	-	-	-	-	-	-	-	-	-		
188: 1	Romford (part of) * - -	6730	2879	3	2	-	2	-	-	-	-	-	-	-	-	-		
2	Ilford - - - -	8492	5947	4	2	-	-	-	-	-	-	-	-	-	-	-		
3	Barking Town - - - -	4128	6576	9	3	1	-	-	-	-	-	-	-	-	1	1		

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Waringham and Farley in Godstone sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chislehurst (pop. 10028); 134: 1, only the parish of Northaw in Hatfield sub-district; 186: 1, the whole of the Chigwell sub-district, except the parish of Thoydon (pop. 798); 188: 1, only the parish of Dagenham in Romford sub-district.

—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 22nd September, 1877.

	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.		
LONDON	446,494	4,367,547	16·6	2·7	1392	322	291	14	25	34	14	22	34	82	50	259	
Inner -	78,080	3,533,484	17·4	2·8	1179	272	242	10	22	30	8	18	31	71	40	235	
Outer -	368,414	834,063	13·3	2·2	213	50	49	4	3	4	6	4	3	11	10	24	

The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 14·902 miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 4,907 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
ANTWERP	429,535	August 11	—	247	30·0	Fevers 102; cholera 20.
BELGIUM	644,405	„ 21	—	680	54·9	Remittent fever 229; cholera 91; sm.-pox 4.
BRUSSELS	397,552	„ 3	318	1075	140·6	Small-pox 59; cholera 142; dysentery 267.
PARIS	1,988,806	September 20	—	768	20·1	Typhoid fever 29; diphtheria 14.
LYONS	67,829	„ 15	35	25	19·2	—
STRASBURG	188,609	„ 15	—	—	—	—
AMSTERDAM	289,981	„ 15	219	131	23·0	Whooping-cough 4.
ROTTERDAM	136,231	„ 15	108	52	19·8	—
BRUGES	104,095	„ 15	111	50	25·0	—
FRANKFURT	215,000	„ 18	194	82	19·9	—
COLOGNE	146,845	„ 8	—	78	26·9	Typhoid fever 2; whooping-cough 2.
PRAGUE	79,000	„ 15	50	30	19·8	Whooping-cough 7.
PETERSBURGH	669,741	August 25	—	421	32·7	Small-pox 3; typhoid fever and typhus 16.
ST. PETERSBURG	997,269	September 1	794	607	31·6	Diphtheria 13; scarlet fever 26.
BERG (State)	393,588	„ 1	332	189	25·1	Whooping-cough 4.
GENOVA	202,295	„ 8	120	108	27·4	Scarlet fever 3.
VENICE	246,813	„ 15	204	161	32·6	—
VIENNA	209,000	„ 15	174	145	35·0	Diphtheria and croup 2.
WARSZAWA	714,548	„ 15	427	294	21·4	Small-pox 4; diphtheria 13.
WESTPHALIA	315,401	„ 8	267	204	33·6	Diphtheria 6; whooping-cough 6; diarrhoea 63.
BOLOGNA	278,099	„ 8	155	111	20·7	Small-pox 2; typhoid fever and typhus 7.
MODENA	454,948	August 26	—	192	22·0	Typhus 7; diphtheria 4.
PARMA	223,488	September 1	140	86	19·7	Typhoid fever and typhus 9.
PIACENZA	139,796	„ 8	77	46	17·1	Typhoid fever 1.
MODENA	212,034	„ 8	148	239	58·8	Diphtheria 2; whooping-cough 11.
BERG (State)	1,077,228	August 25	—	596	28·8	Diarrhoeal diseases 191; diphtheria 13.
BERG (State)	527,830	„ 25	—	296	29·2	Diarrhoeal diseases 108; diphtheria 9.
PHILADELPHIA	850,856	September 1	—	330	20·2	Typhoid fever 15; scarlet fever 16.
PHILADELPHIA	363,000	August 25	—	162	23·0	Diarrhoeal diseases 62.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 22nd SEPTEMBER, 1877.
[Under the Superintendence of the Astronomer Royal.]

MOON.		READINGS OF THERMOMETERS.										DIFFERENCE				WIND.						RAIN.				
		BARO-METER.		Dry.		Dew Point.	Highest in the sun, as shown by self-registering thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by self-registering thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers.		Mean daily value.	Great-est.	Least.	Between Dew Point Temperature and Air Temperature.	Degree of flu-idity, complete Satura-tion being repre-sented by 100. of 60 years.*	General Direction.		Pressuere on square foot		Amount of Horizontal Movement of Air each day.	Depart-ure from Average of 16 years.		Collected in a gauge whose surface is 5 in. above the ground.			
Phases of Moon.		Mean daily reading (corrected and reduced to 32 deg. Fahr-entheit).	High-est.	Low-est.	Range in day.	Mean daily value.	Mean daily value.	Highest.	Lowest.	Mean daily value.	Great-est.	Least.	Mean of 24 Obs.	As deduced from Anemometers.	Robinson's.	A. M.		P. M.		Miles.		Miles.		Inches		
1877.																										
MONTH AND DAY.																										
SEPT.																										
SUN. . 16	..	30.121	65.2	44.5	20.7	52.7	48.6	112.0	35.4	60.3	59.3	4.1	15.3	0.2	—	4.2	86	WSW. & NW.	NNW. & N.	0.2	0.0	0.0	146	— 134	0.00	
MON. . 17	..	30.126	60.1	45.5	14.6	52.9	46.7	102.8	36.9	61.3	59.6	6.2	14.2	0.4	—	3.7	80	NNW. & N.	N. & NNE.	3.0	0.0	0.2	302	+	0.00	
TUES. . 18	..	30.111	61.4	49.8	11.6	54.4	45.6	111.1	44.1	59.3	58.3	8.8	14.1	3.1	—	2.0	72	NNE. & N.	N.	0.9	0.0	0.1	246	—	0.00	
WED. . 19	Apogee.	29.853	61.4	50.5	10.9	54.9	49.6	86.1	42.0	59.3	58.3	5.3	9.4	1.5	—	1.2	83	NNE. & N.	NNW. & N.	0.6	0.0	0.0	210	—	0.00	
THURS. 20	..	29.627	52.4	44.5	7.9	48.3	45.8	67.6	37.5	60.3	58.5	2.5	5.5	0.4	—	7.5	91	NNW. W. & NW.	NNW. NNE. & N.	0.6	0.0	0.0	171	—	0.14	
FRI. . 21	..	29.644	58.5	38.5	20.0	46.9	40.6	107.1	31.7	58.3	56.6	6.3	15.6	0.5	—	8.6	79	NNW. & N	N. & NNW.	2.4	0.0	0.2	264	+	0.02	
SAT. . 22	In Equator Full.	29.770	59.5	39.0	20.5	47.9	40.5	113.8	31.3	57.3	55.3	7.4	16.2	1.6	—	7.4	76	NNW. & N.	N. NW. & WSW.	1.3	0.0	0.0	221	—	0.00	
MEANS .		29.893	59.8	44.6	15.2	51.1	45.3	100.1	37.0	59.4	58.0	5.8	12.9	1.1	—	4.9	81	N.		..	..	..	Sum 1560	Sum — 314	0.16
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending December 31, 1845.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873. * In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and - "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight. The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson R.E., O.B., Chief Commissioner of Metropolitan Police. The duration of the observations is from 5h. 50m. to 5h. 55m. at the beginning of the week to 5h. 50m. at the end of the week.

DATE.		Electricity.		Sun above Horizon, in hours.	
SEPTEMBER.		Registered Sunshine, in hours.			
SUNDAY	16	3.6	12.6		
MONDAY	17	1.9	12.5		
TUESDAY	18	2.9	12.4		
WEDNESDAY	19	0.2	12.3		
THURSDAY	20	0.0	12.3		
FRIDAY	21	5.5	12.2		
SATURDAY	22	6.7	12.2		

The electrical apparatus was under repair throughout the week.

SKY AND ATMOSPHERE.

Generally cloudy. In the afternoon the sun shone for brief periods.

Generally cloudy.

Fine but cloudy till evening; overcast afterwards.

Overcast generally. Misty. A little rain fell in the early morning hours and also in the evening.

Overcast. Frequent rain.

Generally fine till afternoon; showery in afternoon; cloudless at night.

Fine; partially cloudy.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

[PUBLISHED WEEKLY.] [1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, SEPTEMBER 29. [Price 1½d.]

General Register Office, Somerset House,
October 1st, 1877.

UNITED KINGDOM.

During last week 5817 *births* and 3185 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2632. The mortality from all causes was at the average rate of 18·3 deaths annually in every 1000 persons living. The annual death-rate was 19 per 1000 in Edinburgh, 22 in Glasgow, and 27 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Sheffield 13, Nottingham 14, Portsmouth 18, Leicester 18, London 18, Hull 19, Newcastle-on-Tyne 20, Oldham 20, Brighton 20, Leeds 21, Plymouth 21, Birmingham 22, Manchester 22, Sunderland 23, Bradford 23, Liverpool 25, Salford 26, Wolverhampton 26, and the highest rate 28 in Manchester. The annual death-rate from the seven principal zymotic diseases averaged 3·1 per 1000 in the twenty towns, and ranged from 1·0 and 1·1 in Brighton and Sheffield, to 6·7 and 7·8 in Salford and Wolverhampton. Diarrhœa showed exceptional fatality in Salford, and scarlet fever was fatally prevalent in Wolverhampton. Small-pox caused 14 deaths in the twenty towns, of which 13 occurred in London and one in Liverpool.

LONDON.

LONDON 2410 BIRTHS and 1237 DEATHS were registered. Allowing for the increase of population, the births exceeded by 96, whereas the deaths were 136 above the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 16 and 17·4 per 1000, rose again last week to 18·3. During the thirteen weeks ending on Saturday last the death-rate averaged only 19·3 per 1000, and 20·6, 21·5, and 21·8, in the corresponding periods of 1874, 1875, and 1876. The 1237 deaths included 13 from small-pox, 16 from measles, 49 from scarlet fever, 4 from diphtheria, 18 from whooping-cough, 22 from different forms of fever, and 52 from diarrhœa; thus to the seven principal diseases of the zymotic class 174 deaths were referred, against 226 and 190 in the two preceding weeks. These 174 deaths were 118 below the corrected average for from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 2·6 per 1000. The 16 fatal cases of measles showed a decline from the numbers in recent weeks, but included 4 in Pancras. Deaths from scarlet fever, which had been 17, 38, and 30 in the three preceding weeks, further rose to 49 last week, of which 10 occurred in Islington, 13 in Bethnal Green, 5 in Clerkenwell (exclusive of one recorded in the Stockwell Fever Hospital), and 4 in Westminster. Three deaths from whooping-cough occurred in Bermondsey, and 3 in Bethnal Green. The 22 deaths referred to fever, were less than the number in the previous week, and were 18 below the corrected average weekly number; 2 fatal cases were certified as typhus, 17 as enteric or remittent, and 3 as simple continued fever. One death from typhus occurred at Ridan Street, St. George-in-the-East, and the other at the Stockwell Fever Hospital, to which the case had been admitted from St. George-in-the-East. Two cases of enteric fever were registered in Paddington, and 2 in Bow. The deaths from diarrhœa, which in the six previous weeks had declined from 194 to 52, further fell last week to 52, which were 38 below the corrected weekly average; 42 were of children under five years of age, including 29 of infants aged under one year. Two adults were certified to have died from simple cholera and enteric diarrhœa.

Deaths from small-pox, which had been 10 in each of the two preceding weeks, rose to 13 last week, of which 7 were recorded in the Metropolitan Asylum Hospitals, one in the Highgate Small-pox Hospital, and 5 in private dwellings.

in Paddington, Kensington, Hackney, Southwark, and Battersea. Two of the fatal hospital cases belonged to Shoreditch, and 2 to Lambeth. Seven of the fatal cases were certified as unvaccinated, 3 as vaccinated, and in the 3 other cases the medical certificates did not give any information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which in the eighteen preceding weeks had steadily declined from 964 to 160, further fell last week to 149; the new cases admitted during the week were 25, against 35 and 32 in the two previous weeks. The number of patients in the Highgate Small-pox Hospital, which had been 19, 18, and 14 at the end of the three preceding weeks, rose again to 17 on Saturday last.

Six deaths were referred to puerperal fever, and 3 to the accidents of childbirth. Of the 6 fatal cases of puerperal fever, 3 occurred in the East, and two in the South groups of districts.

The widow of a carpenter died in South Hackney on 23rd September, who is stated to have been born on 10th September 1777, and thus to have completed the hundredth year of her age.

Different forms of violence caused 52 deaths; 42 were the result of negligence or accident, including 22 from fractures and contusions, 4 from burns and scalds, 2 from drowning, 3 from poison, and 7 of infants under one year of age from suffocation. The 22 deaths from fractures and contusions were thus caused: males aged 37 and 50, fell from vans; male 7, run over by a van; male 54, knocked down by a cab; male 10, run over by a trolley; males 21 and 48, and female 29, run over on railway; females 60 and 75, and male (intoxicated) 60, fell down stairs; male 31, fell from scaffold; male 35, fell in ship; female 1, fell from bed; female 55, fell in a yard; male 5, fell upon kerb; male 44, crushed by fall of wall; male 10, struck upon the head by cricket ball; female 75, apoplexy from blow or fall (how caused "not proven"); male 18, fracture of skull by swing-post; male 14 crushed by falling into fly-wheel of engine; and female 82, fracture of femur. An inquest was held in each of these 22 cases, except the last, which was certified by a registered medical practitioner.

Of the 1237 deaths registered in London last week, the cause was certified by a coroner or by a registered medical practitioner in 1228 cases; the cause of death was uncertified in but 9 cases, of which 8 were of infants under one year of age, and one of a woman aged 96 years.

In the large Public Institutions 241 deaths were recorded, or 19 per cent. of the total deaths; of these, 134 occurred in Workhouse Establishments, 96 in Hospitals, and 11 in Lunatic Asylums.

GREATER LONDON.

In Greater London 2956 births and 1452 deaths were registered, equal to annual rates of 35·3 and 17·4 per 1000 of the population. In the Outer Ring 6 fatal cases of small-pox were recorded, 5 of which were unvaccinated cases. Another fatal case of diphtheria was registered at Bromley (Kent).

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 33, Bombay 54, Madras 135; Paris 22; Geneva 15; Brussels 18; Amsterdam 21, Rotterdam 21, The Hague 17; Copenhagen 19; Stockholm 21; Christiania 18; St. Petersburg 33; Berlin 31, Hamburg 21, Dresden 27; Breslau 29, Munich 34; Vienna 19, Buda-Pesth 40; Rome 20, Naples 22, Turin 18, Venice 24; New York 31, Brooklyn 31, Philadelphia 17, and Boston 27.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·03 in., the lowest reading was 29·74 in. on Sunday morning, and the highest 30·23 in. on Thursday morning. The mean temperature of the *air* was 48°·5, and 6°·2 below the average in the corresponding week of the 60 years 1814-73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was considerably below the average on each day of the week, the coldest day being Tuesday, when the mean was only 43°·9, and showed a deficiency of 10°·9. The lowest night temperature was 33°·3 on Tuesday, and the highest day temperature in the shade 63°·7 on Saturday; the extreme range in the week was, therefore, 30°·4. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 112°·3 on Monday. The difference between the mean *dew-point* and *air* temperature averaged 4°·1. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 55°·3. The mean degree of *humidity* of the air was 86, complete saturation being represented by 100. The general direction of the *wind* was Northerly, and the horizontal movement of the air averaged 6·1 miles per hour, which was 4·5 below the average in the corresponding week of 16 years. *Rain* fell on Wednesday to the amount of ·03 of an inch. The duration of registered sunshine in the week was 19·7 hours, the sun being above the horizon during 83·1 hours; the recorded duration of sunshine was therefore equal to 24 per cent. of its possible duration.

BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday the 29th September, 1877.

	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 29th September 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
the } OM }	212,881	8,144,940	38·3	5317	3185	63·9	33·0	49·5	9·72	0·03	0·03
-	75,362	3,533,484	46·9	2410	1237	63·7	33·3	48·5	9·17	0·03	0·08
-	2,354	102,264	43·4	75	40	60·4	33·0	49·9	9·94	0·00	0·00
-	4,486	127,144	28·3	72	43	59·3	43·0	50·2	10·11	0·00	0·00
-	7,472	84,023	11·2	51	36	62·5	40·0	49·3	9·61	0·20	0·51
-	1,395	72,911	52·3	51	30	62·0	41·5	51·4	10·78	0·00	0·00
-	4,452	202,950	45·6	137	79	61·3	36·8	49·6	9·73	0·03	0·08
ON -	3,396	73,389	21·6	58	38	59·1	35·5	46·9	8·28	0·00	0·00
-	8,400	377,436	44·9	297	161	-	-	-	-	-	-
-	3,200	117,461	36·7	92	40	65·5	35·8	49·4	9·66	0·01	0·03
-	1,996	95,025	47·6	52	26	65·6	33·2	47·5	8·61	0·03	0·08
-	5,210	527,083	101·2	402	251	61·9	45·2	51·6	10·90	0·02	0·05
-	4,293	359,213	83·7	273	196	-	-	-	-	-	-
-	5,170	141,184	27·3	122	70	66·0	37·0	49·6	9·78	0·05	0·13
-	4,666	89,796	19·2	83	35	-	-	-	-	-	-
-	7,220	179,315	24·8	138	80	60·3	39·9	47·7	8·72	0·01	0·03
-	21,572	293,189	13·8	215	121	59·0	39·0	48·5	9·17	0·00	0·00
-	19,651	282,130	14·4	217	68	65·0	35·0	48·2	9·00	0·01	0·03
-	3,635	140,002	38·5	119	52	60·0	33·0	46·9	8·23	0·05	0·13
-	3,306	110,382	33·4	71	43	-	-	-	-	-	-
TYNE	5,371	142,231	26·5	92	54	-	-	-	-	-	-
-	4,191	218,729	52·2	137	81	63·8	39·0	51·6	10·90	0·05	0·13
-	6,033	555,933	92·1	413	236	61·2	40·5	52·9	11·61	0·00	0·00
-	10,050	314,666	31·3	232	163	63·9	33·3	51·8	11·01	0·00	0·00

* the Meteorological Observers in the several towns, see note at foot of Table 4.

† for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The Dublin is taken as stationary at the number enumerated in April 1871.

DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population 6,612 persons, and in DUBLIN, during the Week ending Saturday the 29th September, 1877.

No.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.		
aries, ON	20·0	3·1	2705	717	512	14	34	90	8	65	48	159	103	165	413
-	18·3	2·6	1237	314	261	13	16	49	4	18	22	52	52	81	241
-	20·4	1·0	40	10	9	-	-	-	-	1	-	1	-	1	10
-	17·6	2·9	43	10	8	-	-	-	-	2	3	2	1	2	3
-	22·4	3·1	36	6	14	-	-	3	-	-	-	2	1	2	7
-	21·5	2·2	30	5	11	-	-	1	-	1	-	1	-	1	3
-	20·3	5·7	79	18	16	-	1	2	1	8	3	7	-	2	11
ON	27·0	7·8	33	11	6	-	-	8	-	1	-	2	1	3	4
-	22·3	3·2	161	49	35	-	2	5	-	3	-	13	9	13	20
-	17·8	3·1	40	12	9	-	-	1	-	-	-	6	1	2	2
-	14·3	2·2	26	8	5	-	-	-	-	2	1	1	2	2	2
-	24·9	5·0	251	61	25	1	5	5	-	16	7	16	15	18	41
-	28·5	5·1	196	51	28	-	6	6	1	6	3	13	6	17	19
-	25·9	6·7	70	19	8	-	-	2	1	-	2	13	1	1	10
-	20·3	3·5	35	11	5	-	-	-	-	2	-	4	-	1	-
-	23·3	3·5	80	21	12	-	1	3	-	2	2	4	3	3	4
-	21·2	2·3	121	44	19	-	1	-	-	1	3	8	2	2	11
-	12·6	1·1	68	17	8	-	1	3	-	1	-	1	4	7	6
-	19·4	2·6	52	21	10	-	-	-	-	-	-	7	3	3	4
-	22·7	3·3	48	15	9	-	-	2	1	-	2	2	1	2	5
TYNE	19·8	2·2	51	14	11	-	1	-	-	1	-	4	1	2	10
-	27·0	13·3	163	32	30	-	6	-	-	1	8	5	2	5	45

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the THIRTY-NINTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2136	2131	2119	2216	1889	2091	2234	2155	2368	2285	2162·4	2410
Males . .	1122	1062	1076	1099	976	1094	1137	1064	1224	1217	1107·1	1245
Females .	1014	1069	1043	1117	913	997	1097	1091	1144	1068	1055·3	1165
TOTAL Deaths	1194	1327	1395	1277	1390	1279	1177	1163	1401	1230	1283·3	1237
Males . .	626	664	694	652	686	668	574	583	725	683	655·5	646
Females .	568	663	701	625	704	611	603	580	676	547	627·8	591

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867–76, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	July 7.	July 14.	July 21.	July 28.	Aug. 4.	Aug. 11.	Aug. 18.	Aug. 25.	Sept. 1.	Sept. 8.	Sept. 15.	Sept. 22.	Sept. 29.
TOTAL Deaths - - -	1322	1449	1438	1430	1439	1293	1309	1261	1238	1180	1261	1179	1237
0–20 - - -	691	795	788	789	778	725	739	694	657	579	631	528	588
20–40 - - -	189	182	174	190	189	161	152	177	198	181	196	194	179
40–60 - - -	206	217	225	203	224	192	207	186	177	208	195	215	209
60–80 - - -	194	223	202	206	222	176	191	175	174	178	196	196	221
at 80 years & upwds.	42	32	49	39	26	39	20	29	32	34	43	46	40
Deaths of children { Under 1 year -	378	447	498	464	461	439	440	432	404	349	329	272	314
{ 1–5 - - -	207	227	192	199	239	209	211	163	176	158	214	170	167
{ 5–20 - - -	106	121	98	126	78	77	88	96	77	72	88	86	107
Deaths from 7 principal Zymotic Diseases }	244	324	332	338	315	300	346	260	259	182	226	190	174
„ „ Small-pox - - -	23	32	35	27	22	20	21	11	20	8	10	10	13
„ „ Measles - - -	44	28	42	51	51	43	49	29	17	23	23	22	16
„ „ Scarlet fever - - -	18	21	19	25	15	21	24	24	26	17	38	30	49
„ „ Diphtheria - - -	9	7	6	4	8	6	12	2	5	7	7	8	4
„ „ Whooping-cough - - -	35	46	36	23	21	29	18	17	19	19	32	18	18
{ Typhus fever - - -	6	1	2	2	2	2	1	1	5	2	3	2	2
{ Enteric (or Typhoid) fever - - -	10	14	15	15	13	10	20	14	12	17	23	24	17
Simple Cont ^d fever - - -	3	6	4	7	7	3	7	4	1	2	4	5	3
„ „ Diarrhœa - - -	96	169	173	184	176	166	194	158	154	87	86	71	52
„ „ Simple Cholera - - -	6	14	9	9	8	5	3	7	7	6	1	2	2
„ „ Dis. of Respiratory Organs - - -	144	159	181	169	144	117	125	124	108	111	152	159	174
„ „ Phthisis - - -	176	159	149	153	166	129	141	151	148	154	146	158	148
„ „ Heart Diseases - - -	62	76	76	84	81	66	66	61	71	69	82	67	71
Violent Deaths - - -	56	60	42	44	49	38	44	58	48	48	39	40	52
Inquest Cases - - -	86	96	75	89	99	66	75	89	79	92	74	74	81
Deaths in Public Institutions	255	271	265	245	239	220	221	218	227	217	245	235	241
TEMPERATURE OF THE AIR:													
Mean - - -	58·2	61·1	59·1	60·8	63·3	62·5	63·7	62·0	59·5	53·5	58·9	51·1	48·5
Mean of Highest readings - - -	71·6	73·9	69·0	71·3	76·5	73·5	76·3	73·0	69·6	65·2	67·0	59·8	60·5
Mean of Lowest readings - - -	48·9	50·7	53·0	53·4	53·8	54·6	55·0	53·6	53·1	44·3	53·3	44·6	40·1
Mean Temperature of the Water of the Thames - - -	65·8	64·6	64·3	64·2	66·2	65·8	66·3	66·7	64·3	61·3	59·5	58·7	55·3
Humidity of the Air - - -	71	71	76	80	69	72	74	70	76	72	78	81	86
Rain-fall in inches - - -	0·63	0·37	0·84	0·60	0·09	0·71	0·01	1·67	0·42	0·78	0·16	0·16	0·03
Registered Sunshine (in hours)	46·0	40·5	37·8	21·7	46·6	34·6	39·1	41·5	37·8	37·7	11·2	20·8	19·7

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McIandborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the
THIRTY-NINTH Week of the Year 1877.

Average in the Thirty-ninth Weeks of the 10 years 1867-76.		In the Week ending Saturday, September 29, 1877.										Average in the Thirty-ninth Weeks of the 10 years 1867-76.		In the Week ending Saturday, September 29, 1877.									
		Deaths of Persons of the Ages												Deaths of Persons of the Ages									
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.						
			Mean Tem.	0-1.	1-5.						5-20.							Mean Tem.	0-1.	1-5.	5-20.		
54.5	48.5										54.5	48.5											
1283.3	1237	314	167	107	179	209	221	40			9. Stricture of Intestines	.9	2	-	-	-	-	2	-				
1274.6	1233	312	167	106	178	209	221	40			10. Fistula	.6	-	-	-	-	-	-	-				
											11. Stomach Disease, &c.	6.4	15	4	1	-	4	2	4				
											12. Pancreas Disease, &c.	-	-	-	-	-	-	-	-				
											13. Hepatitis	3.7	5	-	-	-	1	2	2				
											14. Jaundice	4.4	3	1	-	-	-	1	1				
											15. Liver Disease, &c.	17.4	20	-	-	-	6	8	6				
											16. Spleen Disease, &c.	.1	1	-	1	-	-	-	-				
											ORDER 5.												
											1. Nephritis	2.6	5	-	-	1	2	-	2	-			
											2. Ischuria	.3	-	-	-	-	-	-	-				
											3. Bright's Dis. (Nephria)	10.4	6	-	-	-	-	4	2	-			
											4. Diabetes	2.3	4	-	-	-	-	2	2	-			
											5. Calculus (Stone)	.8	1	-	-	1	-	-	-	-			
											6. Cystitis	1.3	3	-	-	-	-	1	2	-			
											7. Kidney Disease, &c.	8.6	8	-	-	1	2	1	2	2			
											ORDER 6.												
											1. Ovarian Dropsy	.9	2	-	-	-	1	1	-	-			
											2. Uterus Disease, &c.	4.4	2	-	-	-	-	2	-	-			
											ORDER 7.												
											1. Synovitis (Arthritis)	.3	-	-	-	-	-	-	-	-			
											2. Joint Disease, &c.	6.0	11	1	2	4	-	4	-	-			
											ORDER 8.												
											1. Phlegmon	2.6	1	-	-	1	-	-	-	-			
											2. Ulcer	.8	1	-	-	-	-	-	1	-			
											3. Skin Disease, &c.	.9	1	1	-	-	-	-	-	-			
											IV. DEVELOPMENTAL DISEASES.												
											ORDER 1.												
											1. Premature Birth	20.7	33	33	-	-	-	-	-	-			
											2. Cyanosis	2.6	3	3	-	-	-	-	-	-			
											3. Spina Bifida	1.4	-	-	-	-	-	-	-	-			
											4. Other Malformations	3.0	2	2	-	-	-	-	-	-			
											5. Teething	10.5	5	2	3	-	-	-	-	-			
											ORDER 2.												
											1. Paramenia	-	-	-	-	-	-	-	-	-			
											2. Childbirth (see Puer- peral Fever)	6.0	3	-	-	-	1	2	-	-			
											ORDER 3.												
											1. Old Age	41.4	34	-	-	-	-	-	13	21			
											ORDER 4.												
											1. Atrophy and Debility	73.2	60	49	5	-	-	-	6	-			
											V. VIOLENT DEATHS, &c.												
											ORDER 1.												
											(ACCIDENT OR NEGLIGENCE.)												
											1. Fractures & Contusions	17.3	22	-	1	6	5	5	4	1			
											2. Wounds { Gunshot Cut, Stab }	.7	-	-	-	-	-	-	-	-			
											3. Burns and Scalds	3.2	4	1	2	1	-	-	-	-			
											4. Poison	1.4	3	-	1	1	-	1	-	-			
											5. Drowning	5.1	2	-	-	1	-	-	-	-			
											6. Suffocation	7.7	7	7	-	-	-	-	-	-			
											7. Otherwise	1.6	4	1	-	1	-	2	-	-			
											ORDER 3.												
											(HOMICIDE.)												
											1. Murder & Manslaughter	2.4	3	1	-	1	1	-	-	-			
											ORDER 4.												
											SUICIDE.)												
											1 Wounds { Gunshot Cut, Stab }	.2	-	-	-	-	-	-	-	-			
											2. Poison	1.2	4	-	-	-	2	1	1	-			
											3. Drowning	1.9	1	-	-	-	-	-	-	-			
											4. Hanging	.9	1	-	-	-	-	-	1	-			
											5. Otherwise	.2	-	-	-	-	-	-	-	-			
											ORDER 5.												
											(EXECUTION.)												
											1. Hanging	-	-	-	-	-	-	-	-	-			
											Violent Deaths (not classed)	1.5	1	-	-	-	1	-	-	-			
											Sudden Deaths (Cause unascertained)	.8	-	-	-	-	-	-	-	-			
											Causes not specified or ill-defined	7.9	4	2	-	1	1	-	-	-			

ould be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1877.

son is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, TYPHUS, ENTERIC (OR TYPHOID) FEVER, SIMPLE CONTINUED FEVER, DIARRHŒA, and VIOLENCE, during the Week ending—

		The DEATHS registered in the Week include														
REGISTRATION SUB-DISTRICTS.		Enu- me- rated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	Deaths of		Deaths from									
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.
LONDON		3,254,260	2410	1237	314	261	13	16	49	4	18	2	17	3	52	52
WEST DISTRICTS		561,359	386	200	49	43	2	3	7	1	1	-	2	-	12	12
NORTH DISTRICTS		751,729	559	252	62	55	7	5	16	2	4	-	2	-	8	11
CENTRAL DISTRICTS		334,369	180	129	29	19	-	1	6	-	2	-	2	-	8	5
EAST DISTRICTS		639,111	516	280	69	64	-	4	11	-	4	1	6	1	9	15
SOUTH DISTRICTS		967,692	769	376	105	80	4	3	9	1	7	1	5	2	15	9
WEST DISTRICTS.																
St. Mary Paddington WH		58728	49	26	7	4	1	1	1	-	-	-	-	-	1	-
St. John Paddington H		38085	10	15	1	3	-	-	-	-	-	-	2	-	2	3
Kensington Town W		91645	84	33	11	4	1	1	-	1	-	-	-	-	1	-
Brompton H		28654	16	14	6	2	-	-	-	-	-	-	-	-	1	2
St. Peter Hammersmith		6662	2	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith H		36029	41	9	-	4	-	-	1	-	-	-	-	-	-	1
Fulham WwH		23350	32	15	2	4	-	-	-	-	1	-	-	-	-	3
Chelsea South HHH		26420	20	12	4	1	-	-	1	-	-	-	-	-	1	-
Chelsea North-west WHHHH		22926	18	6	2	1	-	-	-	-	-	-	-	-	1	-
Chelsea North-east		21392	11	5	1	1	-	-	-	-	-	-	-	-	-	-
Hanover Square H		18698	5	4	1	1	-	-	-	-	-	-	-	-	1	-
May Fair WW		13358	13	5	1	1	-	-	-	-	-	-	-	-	1	-
Belgrave HH		57972	26	18	6	4	-	1	-	-	-	-	-	-	-	-
St. John Westminster HH		38478	21	19	3	5	-	-	4	-	-	-	-	-	1	1
St. Margaret Westminster WH		27781	13	6	-	4	-	-	-	-	-	-	-	-	-	-
Golden Square WH		12860	6	5	-	4	-	-	-	-	-	-	-	-	-	-
Berwick-street H		20759	9	5	3	-	-	-	-	-	-	-	-	-	-	2
St. Anne Soho HHHHH		17562	10	3	1	-	-	-	-	-	-	-	-	-	-	-
NORTH DISTRICTS.																
All Souls Marylebone HHHH		28579	17	13	3	2	-	-	-	1	-	-	-	-	-	2
Cavendish Square HH		15425	4	2	-	1	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone WH		26384	12	13	3	3	-	-	-	-	-	1	-	-	1	-
St. Mary Marylebone HHH		21786	24	5	2	2	-	-	-	-	-	-	-	-	-	-
Christchurch Marylebone H		33944	21	11	6	1	-	-	1	-	-	-	-	-	1	1
St. John Marylebone H		33136	17	11	-	5	-	-	1	-	-	-	-	-	-	-
Hampstead WwHH		32281	33	14	2	6	1	-	-	-	1	-	-	-	1	-
Regent's Park Pancras		38200	29	7	4	-	-	2	-	-	-	-	-	-	-	2
Tottenham-court wHHH		29370	15	11	1	2	-	-	-	-	-	-	-	-	-	-
Gray's Inn Lane HHH		29221	16	8	4	-	-	-	-	-	1	-	-	-	-	-
Somers Town		38533	24	5	-	2	-	1	-	-	-	-	-	-	1	-
Camden Town W		17943	7	6	3	-	-	-	-	-	-	-	-	-	-	1
Kentish Town w		68198	47	26	2	4	-	1	2	1	-	-	-	-	-	-
Islington West HHH		97820	95	30	11	2	1	1	5	-	-	-	-	-	1	-
Islington East WwWH		115958	94	40	9	11	-	-	5	-	1	-	-	-	1	1
Stoke Newington H		9841	14	5	1	-	-	-	-	-	-	-	-	-	1	1
Stamford Hill		6598	8	3	-	2	-	-	-	-	-	-	-	-	1	-
West Hackney		28069	30	9	4	2	-	-	1	-	-	-	-	-	-	-
Hackney WwWH		50104	35	28	5	8	5	-	1	-	1	-	1	-	-	1
South Hackney		30339	17	6	2	2	-	-	-	-	-	-	-	-	-	2
CENTRAL DISTRICTS.																
St. George Bloomsbury		17853	15	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles South WH		19109	13	8	2	2	-	1	-	-	-	-	-	-	1	-
St. Giles North		16594	2	4	3	-	-	-	-	-	-	-	-	-	-	1
Long Acre		11379	4	3	1	1	-	-	-	-	-	-	-	-	1	-
Charing Cross HH		9859	4	4	1	2	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand		9378	2	5	1	1	-	-	-	-	-	-	1	-	-	-
St. Clement Danes H		10723	6	3	-	-	-	-	-	-	-	-	-	-	-	-
St. George-the-Martyr HHHHH		20521	12	13	2	2	-	-	-	-	-	-	-	-	1	-
St. Andrew Eastern W		18529	3	13	1	2	-	-	-	-	-	-	1	-	-	-
Saffron Hill H		9066	5	1	-	1	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell W		18917	9	8	-	-	-	-	3	-	-	-	-	-	-	-
Amwell Clerkenwell		16884	12	5	-	1	-	-	1	-	-	-	-	-	-	-
Pentonville		13337	11	6	1	-	-	-	-	-	-	-	-	-	1	-
Goswell-street		16242	17	8	3	2	-	-	1	-	-	-	-	-	-	-
Old-street H		12161	7	5	2	1	-	-	-	-	-	-	-	-	1	1
City-road HHL		18301	17	10	3	1	-	-	-	-	-	-	-	-	1	1
Whitecross-street		13792	6	6	4	-	-	-	1	-	-	-	-	-	1	1
Finsbury		10741	6	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph East London H		14540	6	5	-	2	-	-	-	-	-	-	-	-	-	-
Cripplegate		13638	2	6	5	-	-	-	-	-	-	-	-	-	1	-
St. Sepulchre H		7562	4	9	-	-	-	-	-	-	-	-	-	-	-	2
St. Bride W		11185	6	2	-	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard		4426	3	1	-	-	-	-	-	-	1	-	-	-	-	-
Christchurch		6270	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe		4753	1	1	-	1	-	-	-	-	-	-	-	-	-	-
Allhallows Barking		5764	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street H		7845	3	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, as at the foot of next page.

IA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
 September 1877.

DISTRICT.	Enu- merated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													Inquest Cases.	Deaths in Public Institutions.
				Deaths of		Deaths from												
				Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.			
ST. MARY'S.																		
HL†	12130	3	3	1	-	-	-	-	-	-	-	-	-	1	-	-	-	
	16545	15	9	5	1	-	1	-	-	-	-	-	-	1	-	-	1	
	27835	26	13	2	5	-	-	-	-	-	-	-	-	1	-	-	4	
	26933	16	10	3	2	-	-	1	-	-	-	-	-	-	-	-	-	
	43421	28	12	4	-	-	-	1	-	1	-	-	-	1	-	-	2	
WHL†	29822	13	12	3	1	-	-	2	-	1	-	-	-	1	-	2	-	
	42433	37	30	8	10	-	-	-	-	2	-	1	-	-	-	-	10	
	26577	24	10	2	2	-	-	3	-	-	-	-	-	-	1	2	-	
	21273	14	7	2	-	-	1	2	-	-	-	-	-	1	-	-	-	
W	22499	11	7	-	2	-	-	1	-	-	-	-	-	-	-	-	-	
	15550	14	12	3	5	-	-	-	-	-	-	-	-	-	4	6	2	
	11597	8	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
	7322	7	21	2	1	-	-	-	-	-	-	1	-	-	9	9	19	
	10381	7	3	1	1	-	-	-	-	-	-	-	-	-	-	1	-	
	9224	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Mary's	17900	17	4	1	1	-	-	1	-	-	-	1	-	-	-	-	-	
St. Mary's W	21350	13	6	-	2	-	-	-	-	-	1	-	-	1	-	1	-	
	8802	19	8	-	4	-	-	-	-	-	-	-	-	-	-	-	7	
	11640	10	6	1	2	-	-	-	-	-	-	-	-	-	1	-	4	
	16131	10	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-	
	29919	21	13	2	2	-	2	-	-	-	-	-	-	1	-	-	-	
St. Mary's Eastern W	38128	32	10	2	3	-	-	-	-	-	-	-	-	-	-	-	-	
St. Mary's Eastern W	55024	45	21	6	7	-	-	-	-	-	-	1	-	1	-	1	2	
	67765	69	35	11	5	-	-	-	-	-	-	2	-	-	-	-	10	
	48611	52	21	8	5	-	-	-	-	-	-	-	-	-	-	-	-	
ST. MARY'S.																		
WH	14573	10	7	-	2	1	-	-	-	-	-	-	-	-	1	1	-	
H	15677	11	4	2	-	-	-	-	-	-	1	-	-	-	-	-	-	
	20421	17	7	5	1	-	-	-	-	-	-	-	-	-	1	1	-	
	16695	15	2	-	-	-	-	-	-	-	-	-	-	-	1	1	2	
	18961	14	10	4	-	-	-	-	1	-	-	-	-	-	-	-	-	
	23682	17	6	2	2	-	-	-	-	1	-	1	-	-	1	1	2	
	48248	44	30	5	10	-	-	-	-	-	-	-	-	-	-	-	16	
	16792	13	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	
W	4373	1	10	1	1	-	-	-	-	-	-	-	-	1	1	2	7	
	10500	12	6	4	-	-	-	-	-	-	-	-	-	1	-	1	1	
	16787	8	2	1	-	-	-	-	-	-	-	-	-	1	-	-	-	
	18709	8	4	-	2	-	-	-	-	-	-	-	-	1	-	-	-	
	47933	27	16	6	2	-	-	1	-	8	-	-	-	1	-	1	-	
	27096	17	8	2	1	-	-	-	-	-	-	-	-	-	-	-	1	
	14074	12	7	2	-	-	-	1	-	-	-	-	-	-	-	-	2	
	18465	12	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
	19492	17	18	3	2	-	-	-	-	-	-	-	-	-	2	2	7	
W	35833	27	17	4	7	-	-	1	-	-	-	-	-	1	-	-	10	
	41286	33	12	6	2	-	1	-	-	-	-	-	-	-	-	-	-	
	31221	24	11	3	2	-	1	-	-	-	-	1	-	-	-	-	-	
	35435	32	20	3	4	2	-	4	-	-	-	-	-	-	1	1	8	
	12536	16	5	4	1	-	-	-	-	-	1	2	-	-	-	-	-	
	27347	13	15	7	4	-	1	-	-	1	-	-	-	-	-	1	-	
	54016	63	17	5	5	1	-	-	-	-	-	-	-	-	-	-	2	
	19783	6	6	-	1	-	-	-	-	-	-	-	-	-	-	1	3	
	9439	9	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
	14175	9	5	1	2	-	-	-	-	-	-	1	-	-	-	-	-	
	4041	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	31254	19	16	2	4	-	-	1	-	-	-	-	-	-	1	1	4	
	42160	42	21	6	4	-	-	-	-	-	-	-	-	1	-	-	-	
	38851	24	13	2	2	-	-	-	-	-	-	-	-	1	-	1	-	
	53714	48	15	6	5	-	-	-	-	1	-	-	-	2	1	4	-	
	6474	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	21034	18	9	1	5	-	-	-	-	-	-	-	-	-	-	-	-	
	19378	22	11	2	3	-	-	-	-	-	-	-	-	1	-	3	3	
	4539	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	16440	9	5	3	1	-	-	-	-	-	-	-	-	1	-	-	-	
	11513	17	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
	19065	12	8	1	2	-	-	1	-	-	-	-	-	1	-	-	-	
	9564	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
	17226	13	7	2	-	-	-	-	-	-	-	1	-	-	-	-	-	
H	18331	15	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
	13027	15	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
	15232	14	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	

USE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the

Asylum in Tottenham-court sub-district.
 Kentish Town sub-district.
 Use in Islington East sub-district.
 Use " Hackney sub-district.
 " Hoxton New Town sub-district.
 " Mile End Old Town Eastern sub-dist.
 of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston sub-
 Private Lunatic Asylums in which paupers are received.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and
 Bow sub-district.
 Stepney
 Poplar & Stepney Sick Asylum
 Westminster Union Industrial School in Battersea sub-district.
 Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-
 ney, Brixton, and St. Paul Deptford sub-districts.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 29th September 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Ename- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Instant Cause.
	LONDON—OUTER RING	368,414	631,381	546	215	48	62	6	1	3	3	-	4	15	7	7
29: 1	Carshalton W - - -	12228	13523	16	4	2	1	-	-	-	-	-	-	-	-	-
2	Epsom (part of) * WH -	9971	9145	8	2	1	2	-	-	-	-	-	-	-	-	-
36: 1	Godstone (part of) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-
37: 1	Croydon WWH - - -	20851	71319	52	17	4	8	-	-	-	1	-	-	-	-	-
2	Mitcham WH - - -	11697	12534	11	4	1	1	-	-	-	-	-	-	1	-	-
38: 1	Wimbledon HH - - -	3220	9087	9	-	-	-	-	-	-	-	-	-	-	-	-
2	Kingston WH - - -	8549	27489	27	9	3	2	-	-	-	-	-	-	2	-	-
3	Esher (part of) * - - -	6601	7353	-	2	2	-	-	-	-	-	-	-	1	1	1
4	Hampton - - -	4573	10185	8	4	1	-	-	-	-	-	-	-	-	-	-
39: 1	Richmond WH - - -	2271	16829	7	4	-	2	-	-	-	-	-	-	-	-	-
2	Mortlake - - -	2961	9316	12	3	-	1	-	-	-	-	-	-	-	3	3
40: 1	Bromley (part of) * HH -	15669	19509	16	9	3	2	-	-	-	1	-	-	2	-	-
2	Chislehurst (part of) * W -	13665	10028	9	4	1	2	-	-	1	-	-	-	-	-	-
41: 1	Bexley H - - -	13439	19566	16	3	1	1	-	-	-	-	-	-	-	-	-
123: 1	Sunbury W - - -	11055	9860	7	2	-	1	-	-	-	-	-	-	-	-	-
2	Staines W - - -	13277	10339	11	5	-	1	-	-	-	-	-	1	2	-	-
124: 1	Hillingdon WH - - -	6029	9712	8	2	-	2	-	-	-	-	-	-	-	-	-
2	Uxbridge - - -	6178	5329	8	1	-	-	-	-	-	-	-	-	-	-	-
3	Hayes WL - - -	14587	10497	7	4	1	-	-	-	1	-	-	-	-	-	-
125: 1	Isleworth W - - -	7008	19930	18	5	1	-	-	-	-	-	-	-	-	-	-
2	Twickenham - - -	2477	10533	5	3	1	1	-	-	-	-	-	-	-	-	-
3	Brentford HL - - -	4370	20279	7	2	1	-	-	-	-	-	-	-	-	-	-
4	Chiswick - - -	1311	8508	5	4	1	2	-	-	-	-	-	-	-	1	1
5	Acton WH - - -	6087	12683	8	1	-	1	-	-	-	-	-	-	-	-	-
126: 1	Harrow H - - -	13809	10869	6	1	-	-	-	-	-	-	-	-	-	-	-
2	Edgware - - -	6994	3450	3	1	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - -	4333	15869	12	5	1	-	-	-	-	-	-	-	-	-	-
4	Hendon WH - - -	8332	6972	1	1	-	-	-	-	-	-	-	-	-	-	-
127: 1	South Mimms - - -	15419	5924	4	2	1	1	-	-	-	-	-	-	1	-	-
2	Barnet W - - -	5423	7752	13	4	-	3	-	-	-	-	-	-	-	-	-
3	Finchley L - - -	4688	11493	6	9	-	5	-	1	-	-	-	-	-	-	-
128: 1	Hornsey H - - -	3039	19357	23	8	2	1	-	-	-	-	-	1	-	1	1
2	Tottenham H - - -	4642	22869	15	14	3	4	-	-	-	1	-	-	2	-	-
3	Edmonton WW - - -	7483	13860	11	9	1	4	-	-	-	-	-	1	-	-	-
4	Enfield WH - - -	12653	16054	18	3	1	-	-	-	-	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	2	2	-	1	-	-	-	-	-	-	-	-	-
6	Cheshunt - - -	8493	7518	5	2	1	-	-	-	-	-	-	-	-	-	-
124: 1	Hatfield (part of) * - -	3180	559	1	1	1	-	-	-	-	-	-	-	1	-	-
136: 1	Bushey - - -	9028	6472	4	1	-	-	-	-	-	-	-	-	-	-	-
185: 1	Stratford - - -	882	23286	40	8	1	4	-	-	-	-	-	-	-	-	-
2	West Ham WWWW - - -	7345	44642	53	34	9	5	6	-	1	-	-	1	2	-	-
3	Leyton WW - - -	4274	15513	13	4	-	2	-	-	-	-	-	-	-	-	-
4	Walthamstow H - - -	6619	15701	15	7	2	1	-	-	-	-	-	-	-	-	-
186: 1	Chigwell (part of) * H -	10433	8169	3	2	-	1	-	-	-	-	-	-	-	-	-
188: 1	Romford (part of) * - -	6730	2879	3	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - -	8492	5947	9	-	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	6	3	1	-	-	-	-	-	-	-	-	1	1

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warlingham and Farley in Croydon sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chislehurst (pop. 134); 1, only the parish of Northaw in Hatfield sub-district; 186: 1, the whole of the Chigwell sub-district, except the parish of Thorne (pop. 798); 188: 1, only the parish of Dagenham in Romford sub-district.

GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 29th September 1877.

	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from										Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
DON	446,494	4,367,547	17·4	2·5	1452	362	323	19	17	52	7	18	26	67	59	267		
ON -	78,080	3,533,484	18·3	2·6	1237	314	261	13	16	49	4	18	22	52	52	241		
-	368,414	834,063	13·5	2·0	215	48	62	6	1	3	3	-	4	15	7	26		

of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 78,080 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 368,414 acres, of which 122 square miles are tidal water and foreshore; its area is, therefore, equal to the square of a little more than 6, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES.

NS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
PA -	429,535	August	18	-	268	32·5	Fevers 100; cholera 13.
-	644,405	"	28	-	666	53·7	Remittent fever 217; cholera 62.
-	397,552	"	10	360	1030	134·7	Small-pox 73; cholera 116; dysentery 255.
-	1,988,806	September	27	-	844	22·1	Typhoid fever 38.
-	67,829	"	22	26	20	15·4	—
-	188,609	"	22	99	60	18·0	Diphtheria 2.
AM -	289,981	"	22	228	118	20·7	Scarlet fever 3; whooping-cough 4.
AM -	136,231	"	22	106	54	20·5	—
IGUE -	104,095	"	22	93	34	17·0	—
AGEN -	215,000	"	25	146	79	19·2	Scarlet fever 2.
OLM -	146,845	"	15	-	59	20·9	—
ANIA -	79,000	"	22	61	28	18·4	—
RSBURGH	669,741	"	1	-	428	33·2	Typhus and typhoid fev. 33; scarlet fever 7.
-	997,269	"	8	833	587	30·5	Typhus and typhoid fev. 23; scarlet fever 16.
G(State)	393,588	"	8	338	159	21·1	—
-	202,295	"	15	140	106	26·9	Scarlet fever 5.
-	246,813	"	22	188	141	28·5	Diarrhoeal diseases 23.
-	209,000	"	22	146	141	34·0	Fevers 4.
-	714,548	"	22	516	267	19·4	Diphtheria 15.
ESTH -	315,401	"	15	220	241	39·7	Typhus 6; diarrhoea 44.
-	278,099	"	15	134	109	20·3	Small-pox 2.
-	454,948	"	2	-	195	22·3	Typhus 3.
-	225,488	"	8	133	76	17·7	Typhus and typhoid fev. 8.
-	139,796	"	22	67	65	24·2	—
ORIA -	212,034	"	15	-	-	-	—
REK -	1,077,228	"	1	-	644	31·1	Whooping - cough 22; diphtheria 15.
N -	527,830	"	1	-	313	30·8	Scarlet fever 16; diphtheria 12.
ALPHIA -	850,856	"	8	-	274	16·8	Typhoid fever 14; infantile cholera 21.
-	363,000	"	1	-	187	26·7	Diphtheria 7; typhoid fever 7.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 29th SEPTEMBER, 1877.
[Under the Superintendence of the Astronomer Royal.]

MOON.			READINGS OF THERMOMETERS.										DIFFERENCE				WIND.						RAIN.					
Phases of Moon.			Baro-Meter.		Dry			Dew Point.		Highest in the sun, as shown by a self-registering thermometer with bulb in vacuo, placed on the Grass.		Lowest on the Grass, as shown by a self-registering thermometer. Minimum on the Grass.		In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between Dew Point and Temperature.		Between mean temperature of the day and mean temperature of the same day on an average of 40 years.*		Degree of Humidity, complete Saturation being represented by 100.		As deduced from Anemometers.				Collected in a Gauge whose receiving surface is 5 in. above the ground.		
			Mean daily reading (corrected and reduced to 32 deg. Fahr. (height)).	High-est.	Low-est.	Range in day.	Mean daily value.	Mean daily value.			Highest.	Low-est.			Mean daily value.	Greatest.	Least.	General Direction.	P. M.	Greatest.	Least.	Mean of 24 Obs.	Amount of Horizontal Movement of Air each day.	Depart-ure from Average of 16 years.				
SEPT.			in.																						Miles.	Miles.	Inches	
SUN.	23	..	29.749	57.9	43.0	14.9	47.5	43.2	76.7	38.3	57.3	54.8	0.0	7.7	4.3	12.2	0.0	W. & NW.	NW. & N.	0.5	0.0	0.0	225	— 33	0.00	0.00	0.0	
MON.	24	..	29.905	61.3	42.5	18.8	49.5	42.5	112.3	39.6	57.1	54.8	0.0	5.5	7.0	18.4	0.0	N. NW. & W.	N.	2.0	0.0	0.1	207	— 51	0.00	0.00	0.0	
TUES.	25	..	30.041	54.9	33.3	21.6	43.9	40.6	75.1	25.6	56.5	54.7	0.0	10.9	3.3	13.6	0.0	N. NW. & WSW.	SW. & WSW.	0.0	0.0	0.0	136	— 120	0.00	0.00	0.0	
WED.	26	..	30.120	63.3	43.7	19.6	50.8	47.5	99.3	37.2	55.8	54.3	0.0	3.9	3.3	14.6	0.0	SW.	N. NW. & SE.	0.0	0.0	0.0	109	— 145	0.03	0.00	0.0	
THURS	27	..	30.207	61.4	39.1	22.3	48.3	45.3	101.8	35.0	56.1	54.1	0.0	6.3	3.0	14.2	0.0	Variable.	NE. E. & SE.	0.0	0.0	0.0	68	— 184	0.00	0.00	0.0	
FRI.	28	..	30.142	60.8	37.8	23.0	49.0	45.8	108.6	30.0	55.8	53.8	0.2	5.5	3.2	13.1	0.2	NE.	E.	0.0	0.0	0.0	113	— 137	0.00	0.00	0.0	
SAT.	29	Greatest Dec. N	30.046	63.7	41.6	22.1	50.5	45.6	107.8	28.2	55.5	53.8	0.0	3.9	4.9	16.9	0.0	NE. & NNE.	ESE. E. & ENE.	1.0	0.0	0.0	163	— 86	0.00	0.00	2.0	
MEANS .			30.030	60.5	40.1	20.3	48.5	44.4	97.4	33.4	56.3	54.3	0.0	6.2	4.1	14.7	0.0	NW. N. & NE.		..	..	..	Sum 1021	Sum —756	Sum 0.03	0.03	0.3
No. of Col.			3	4	5	6	7	8	9	10	11	12	13	17	14	15	16	19	20	21	22	23	24	25	26	27		

DATE. SEPTEMBER.	Electricity.		Registered Sunshine, in hours.		Sun above Horizon, in hours.		SKY AND ATMOSPHERE.	
	Sum	Diff	Sum	Diff	Sum	Diff	Sum	Diff
SUNDAY 23	0.4	12.1	Overcast till afternoon and a little rain fell between 11h. A.M. and 1h. P.M.; cloudless at night.					
MONDAY 24	4.1	12.0	Fine; cloudy till evening; cloudless at night.					
TUESDAY 25	0.0	11.9	Overcast generally. Fog.					
WEDNESDAY 26	2.5	11.9	A shower of rain in early morning; fine afterwards. Cloudy till evening; cloudless at night.					
THURSDAY 27	3.4	11.8	Dense fog in morning; very fine after 10h. A.M., and the amount of cloud was small.					
FRIDAY 28	2.7	11.7	Dense fog in morning; cloudy generally till evening; cloudless at night.					
SATURDAY 29	6.6	11.7	Dense fog in morning; fine throughout day, and generally cloudless.					

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873.

* In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and — "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the Resident Inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

† The duration of bright sunshine is ascertained from 5h. to 7h. at the Greenwich Sun Dial, show the duration of bright sunshine, and from 7h. to 9h. at the Greenwich Sun Dial, show the duration of bright sunshine.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, OCT. 6. [Price 1½d.

*General Register Office, Somerset House,
8th October, 1877.*

UNITED KINGDOM.

During last week 5711 *births* and 3149 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2562. The mortality from all causes was at the average rate of 20 deaths annually in every 1000 persons living. The annual death-rate per 1000 in Edinburgh, 22 in Glasgow, and 25 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS ranged in order from the lowest, were as follow:—Leicester 13, Norwich 14, Plymouth 14, Brighton 15, Bristol 17, Sunderland 18, Oldham 18, Sheffield 19, London 19, Leeds 20, Newcastle 21, Bradford 21, Nottingham 21, Manchester 23, Salford 23, Plymouth 24, Liverpool 24, Manchester 25, and Wolverhampton 26. The annual death-rate from the seven principal zymotic diseases averaged 2·9 per 1000 in the twenty towns, and ranged from 0·9 and 1·0 in Leicester and Sunderland, to 5·7 in Plymouth and Wolverhampton, and 5·8 in Salford. Small-pox caused 14 deaths in London, but no death was referred to this disease in any of the nineteen provincial towns.

LONDON.

IN LONDON 2420 BIRTHS and 1308 DEATHS were registered. Allowing for the increase of population, the births exceeded by 75, whereas the deaths were 66 below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 18·3, further rose last week to 19·3. The death-rate during the three weeks of last quarter averaged only 19·3 per 1000, which was 3·0 below the average rate in London in the ten preceding corresponding quarters, and was probably lower than the rate in the summer quarter of any year since 1860, when it was only 18·5 per 1000.

The 1308 deaths included 14 from small-pox, 23 from measles, 38 from scarlet fever, 22 from diphtheria, 21 from whooping-cough, 19 from different forms of enteric fever, and 36 from diarrhoea; thus to the seven principal diseases of the zymotic class only 153 deaths were referred, against 226, 190, and 174 in the three preceding weeks. These 153 deaths were 121 below the corrected average number for the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 2·3 per 1000. The 23 fatal cases of measles exceeded the number of the previous week by 7, and included 6 in Marylebone. The deaths from enteric fever, which had been 30 and 49 in the two previous weeks, were 38 last week, of which 14 occurred in the North group of districts; 8 were registered in Islington, and 4 in Clerkenwell. Of the 21 deaths from whooping-cough, 4 occurred in Bethnal Green, 3 in Newington, and 3 in Camberwell. The 19 deaths from typhoid fever showed a further decline from the numbers in recent weeks, and were 11 below the corrected average weekly number; 3 were fatal cases of typhus, 1 of enteric fever, and one of simple continued fever. The 3 fatal cases of cholera occurred at Clarke's Cottages, South Hackney; at Bartholomew's Hospital (No. 7, Charterhouse Square); and at 51, Ford Road, Bow. Three deaths from enteric fever were returned in Camberwell. The deaths from diarrhoea declined to 36 last week, which were 29 below the corrected average. The death of an infant aged 6 weeks was referred to "cholera infantum."

The deaths from small-pox, which had been 10 and 13 in the two preceding weeks, further rose last week to 14, of which 10 were recorded in the Metropolitan Asylums Hospitals, and 4 in private dwellings; of the latter four, one each occurred in St. Giles, End Old Town, Bow, Poplar, and Lambeth. Six of the fatal cases were as unvaccinated, 5 as vaccinated, and in the 3 other cases the medical officers did not give any information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which in the nineteen preceding weeks had steadily declined from 964 to 149, further fell last week to 137; the new cases admitted during the week were 28, against 32 and 25 in the two previous weeks. The number of patients in the Highgate Small-pox Hospital, which had been 14 and 17 at the end of the two preceding weeks, were 18 on Saturday last.

During the 21 days ending last Saturday, the mean temperature at Greenwich Observatory was only $49^{\circ}\cdot4$, and continuously below the average; this mean was $5^{\circ}\cdot5$ below the average for the corresponding period in 60 years. The nights were especially cold, and the means of the lowest night readings were during the past three weeks respectively $44^{\circ}\cdot6$, $40^{\circ}\cdot1$, and $36^{\circ}\cdot1$.

The deaths referred to diseases of the respiratory organs, which had steadily increased from 108 to 174 in the five preceding weeks, further rose to 257 last week, and exceeded the corrected weekly average by 60; of these 257 deaths, 148 resulted from bronchitis, and 68 from pneumonia.

Different forms of violence caused 47 deaths; 36 were the result of negligence or accident, including 15 from fractures and contusions, 7 from burns and scalds, 4 from drowning, and 6 of infants under one year of age from suffocation. The 15 deaths from fractures and contusions were thus caused:—male aged 51, crushed by a van; male 10, run over by a cart; male 35, knocked down by a horse; males 18 and 36, run over on railway; male 23, fell from railway truck; female 87, fell down stairs; male 5, fell from window; female 5 weeks, fell from bed; female 3, fell on street pavement; male 27, fractured skull from fall during a fight; male 27, fractured skull from fall; male 21, by fall of cask upon him; female 77, fracture of elbow (how caused not stated); male 4, contused wound on forehead (how caused not stated). Inquests were held in all but two of these 15 fatal cases of fractures and contusions; two were certified by registered medical practitioners.

GREATER LONDON.

In Greater London 2947 births and 1530 deaths were registered, equal to annual rates of 35·2 and 18·3 per 1000 of the population. In the Outer Ring, 2 fatal cases of small-pox and 2 of scarlet fever were recorded at West Ham; and of the 10 deaths at Tottenham, 2 were referred to scarlet fever and one to fever.

Dr. Frankland reports as the result of his analysis of the waters supplied to the Metropolis and some of its suburbs during September, that taking unity to represent the average amount of organic impurity in a given volume of the Kent Company's water during the last nine years, the proportional amount of such impurity in an equal volume of water supplied by each of the other Companies, and by the Tottenham Local Board, was:—Tottenham 0·4, Kent (Deptford Wells) 0·8, Kent (Crayford Well) 0·8, New River 1·0, East London 1·9, Colne Valley 2·0, Grand Junction 2·7, West Middlesex 2·8, Chelsea 3·9, Lambeth 4·4, and Southwark 4·8. The Thames waters supplied by the Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth Companies, showed much greater pollution with organic matter than in July or August. The Grand Junction Company's water was turbid from inefficient filtration. The proportion of organic impurity showed a marked excess in the Lambeth and Southwark Companies' waters. The Lea waters supplied by the New River and East London Companies were of superior quality, and had been efficiently filtered. The Kent and Colne Valley Companies and the Tottenham Local Board delivered deep well water of the usual excellent quality; the Colne Valley Company's water was softened by Clarke's process previously to delivery.

Dr. Hill reports that the water supplied to Birmingham was clear, and that the proportion of nitrogen and chlorine showed a decline. The Loch Katrine water supplied to Glasgow is reported by Dr. Mills to have contained an exceptional amount of "organic particles and fibres, among which some diatoms and encysted "organisms were observed."

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 30, Bombay 50, Madras 123; Paris 23; Geneva 23; Copenhagen 24, Stockholm 26; Christiania 17; St. Petersburg 30; Berlin 29, Hamburg 25, Dresden 25, Munich 32; Vienna 21; Buda-Pesth 32, Rome 20, Naples 20, Turin 28, Venice 26; Alexandria 66; New York 26, Brooklyn 25, Philadelphia 17, and Boston 21.

METEOROLOGY.

Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·08 in., the lowest reading was 29·83 in. on Tuesday evening, and the highest 30·45 in. at the end of the week. The mean temperature of the *air* was 48°·5, and 5°·2 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was considerably below the average on each day of the week; the coldest day was Thursday, when the mean was only 45°·7, and the deficiency 2°·8. The lowest night temperature was 31°·0 on Thursday, and the highest day temperature was 64°·8 on Sunday; the extreme range in the week was, therefore, 33°·8. The mean temperature in the sun, as shown by a self-registering thermometer with a blackened glass bulb placed on the grass, was 118°·6 on Sunday. The difference between the mean sun and *air* temperature averaged 6°·4. The mean temperature of the water in the Thames, from daily observations taken at the "Royalist" Police Ship, was 54°·4. The mean relative humidity of the air was 79, complete saturation being represented by 100. The general direction of the *wind* was north-east, and the horizontal movement of the air averaged 5·4 miles per hour, which was 4·4 below the average in the corresponding week of 16 years. No rain fell during the week. The duration of registered sunshine in the week was 33·3 hours, the sun being above the horizon during 80·0 hours; the recorded duration of sunshine was, therefore, equal to 41·6 per cent. of its possible duration.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of September 1877; according to their returns 128,412,301 gallons or 583,436 cubic metres of water (about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 239 gallons (decalitres) rather more than a *ton* by weight, to each house, and 33·7 gallons (15·3 decalitres) to each person, against 32·6 gallons during September 1876.

COMPANIES.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for domestic consumption) during the Month of	
	SEPTEMBER 1876.	SEPTEMBER 1877.	SEPTEMBER 1876.	SEPTEMBER 1877.
TOTAL SUPPLY	529,628	537,039	122,421,732	128,412,301
Thames	249,357	252,518	64,672,576	64,050,489
Lea and from other Sources	280,271	284,521	57,749,156	64,361,812
THAMES.				
Chelsea	28,675	28,741	8,606,800	8,972,100
West Middlesex	48,440	49,821	10,586,545	10,060,392
Southwark and Vauxhall	80,600	79,000	19,200,000	19,450,000
Grand Junction	36,616	37,683	11,126,368	11,466,797
Lambeth	55,026	57,273	15,152,863	14,101,200
LEA AND OTHER SOURCES.				
New River	124,785	125,897	25,138,000	28,153,000
East London	110,354	113,192	25,233,600	28,600,650
at	45,132	45,432	7,377,556	7,608,162

The Return for September 1877, as compared with that for the corresponding month of 1876, shows an increase of 7,411 houses, and of 5,990,569 gallons of water supplied daily.

ANALYSIS OF METROPOLITAN WATER SUPPLY DURING SEPTEMBER.

Royal College of Chemistry, South Kensington Museum,
5th October 1877.

WE HAVE to report to you in the following Table the results of the chemical analysis of the water supplied to the inner, and portions of the outer, circle of the Metropolis during the month of September.

And, also, the results obtained in the analyses of the water supplied to Birmingham and Manchester by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Mr. James of Glasgow.

As to the average amount of organic impurity contained in a given volume of the Kent and London water as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health was:—Tottenham 0·4, Kent (Deptford Wells) 0·8, Kent (Crayford Well) 0·8, New River 1·0, East London 1·9, Colne Valley 2·0, Grand Junction 2·7, West Middlesex 2·8, Southwark 3·9, Lambeth 4·4, and Southwark 4·8.

Water drawn from the Thames by the Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth Companies was much more polluted by organic matter in September than in July and August. The water delivered by the Grand Junction Company was turbid, owing to inefficient filtration. The remaining Thames water was efficiently filtered, but that supplied by the Lambeth and Southwark Companies was distinguished by containing a large proportion of organic matter, which was of animal origin.

Water from the Lea supplied by the New River and East London Companies was of much better quality, and was efficiently filtered before delivery.

Water drawn from deep wells by the Kent and Colne Valley Companies, and by the Tottenham Local Board of Health, was palatable, wholesome, and of most excellent quality for all purposes. That supplied by the Colne Valley Company was softened by Clark's

process, and was therefore suitable for washing. That portion of the Kent Company's supply obtained from their deep well at Crayford was slightly turbid, owing chiefly to the presence of minute particles of chalk.

Seen through a stratum two feet deep, the water supplied by the Kent (Deptford Wells), Colne Valley, and New River Companies, and by the Tottenham Local Board of Health, was clear and colourless, that delivered by the Kent Company from their well at Crayford slightly turbid and colourless, the East London water clear and very nearly colourless, the West Middlesex clear and very pale yellow, the Chelsea clear and pale yellow, the Southwark and Lambeth clear and yellowish brown, and the Grand Junction turbid and yellowish brown.

Dr. Hill, the Medical Officer of Health for Birmingham, reports that the water supplied to that town was "clear, and that the nitrogen and chlorine were rather less than last month."

Dr. Mills, F.R.S., of the Andersonian University, Glasgow, reports that the water supplied to that city from Loch Katrine was "very pale brown and contained an exceptional amount of "black and other organic particles and fibres, among which some diatoms and encysted organisms "were observed."

The Registrar General, &c. &c.

I am, &c.

E. FRANKLAND.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

COMPANIES OR LOCAL AUTHORITIES.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Mat- ters.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Ni- trates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES:	°								
	Chelsea - - - { 10th September, Cab Rank, Horse Guards. }	14·5	28·74	·190	·043	0	·213	·256	1·45	18·9
	West Middlesex - { 10th September, Cab Rank, Portland-road. }	15·5	26·24	·127	·038	0	·162	·200	1·40	18·0
	Southwark and Vauxhall - - { 10th September, Cab Rank, St. George's Church, Borough. }	14·8	29·04	·228	·053	0	·195	·248	1·35	19·7
	Grand Junction - { 10th September, Lancaster-gate, Hyde Prk. }	13·3	27·16	·130	·031	0	·165	·196	1·45	18·3
	Lambeth - - - { 10th September, Cab Rank, Westminster Bridge-road. }	14·2	29·20	·215	·042	0	·207	·249	1·45	19·9
	OTHER SOURCES:									
Outer Circle.	New River - - { 10th September, Cab Rank, Tottenham- court-road. }	15·3	25·70	·049	·010	0	·211	·221	1·55	18·1
	East London - { 10th September, Royal Hotel, Mile-End-rd. }	14·5	26·40	·092	·022	0	·140	·162	1·70	18·8
	Kent - - - { 11th September, Deptford Bridge Police Station. }	12·0	44·00	·039	·007	0	·430	·437	2·45	28·6
	Kent - - - { 13th September, Crayford Railway Station. }	14·8	35·34	·038	·011	0	·506	·517	1·95	25·7
	Colne Valley - { 6th September, Bushey. }	13·5	12·34	·100	·016	0	·343	·359	1·35	4·4
	Tottenham Local Board - - { 11th September, High Street, Tottenham. }	—	46·52	·015	·009	0	·439	·448	3·15	25·7
	Corporation of Birmingham* - - - { 13th September, 13 Court, Lower Trinity-st. }	11·7	21·90	·321	·048	·002	·192	·242	1·40	12·6
	Corporation of Glasgow † - { 17th September, Loch Katrine service. }	12·7	4·24	·161	·009	0	·002	·011	·70	·6
Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the Borough.

† Analysed by Dr. E. J. Mills, F.R.S., of the Andersonian University, Glasgow.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, all relate to 100,000 parts of the waters. The Table is to be read thus: the Chelsea Company's water, collected on September 10th at the Horse Guards cab-rank, had a temperature of 14°·5 C.; 100,000 lbs. of it contained 28·74 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·190 lb. of carbon and ·043 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·213 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·256 lb. The above weight of water also contained 1·45 lb. of chlorine; and 18·9 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 6th October 1877.

	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 6th October 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
London	212,881	8,144,940	38·3	5711	3149	68·5	31·0	49·5	9·72	0·01	0·03
Birmingham	75,362	3,533,484	46·9	2420	1308	64·8	31·0	48·5	9·17	0·00	0·00
Manchester	2,354	102,264	43·4	55	29	61·5	42·0	50·6	10·34	0·00	0·00
Leeds	4,486	127,144	28·3	79	34	61·5	43·0	50·7	10·39	0·00	0·00
Sheffield	7,472	84,023	11·2	39	22	60·0	38·8	49·6	9·78	0·02	0·05
Nottingham	1,395	72,911	52·3	37	34	62·5	41·5	52·6	11·45	0·11	0·28
Cardiff	4,452	202,950	45·6	131	67	63·2	33·3	48·4	9·11	0·02	0·05
Edinburgh	3,396	73,389	21·6	58	36	59·7	31·0	45·6	7·56	0·00	0·00
Glasgow	8,400	377,436	44·9	304	164	-	-	-	-	-	-
Belfast	3,200	117,461	36·7	61	30	63·5	34·0	48·3	9·06	0·00	0·00
Southampton	1,996	95,025	47·6	61	39	63·6	31·1	47·3	8·50	0·01	0·03
Liverpool	5,210	527,083	101·2	417	247	62·2	42·0	50·6	10·34	0·00	0·00
London	4,293	359,213	83·7	274	170	-	-	-	-	-	-
London	5,170	141,184	27·3	123	63	65·6	34·8	49·6	9·78	0·00	0·00
London	4,666	89,796	19·2	80	31	-	-	-	-	-	-
London	7,220	179,315	24·8	123	72	60·0	37·3	47·9	8·83	0·00	0·00
London	21,572	298,189	13·8	222	113	61·0	36·0	48·7	9·28	0·00	0·00
London	19,651	282,130	14·4	213	98	61·0	34·5	47·5	8·61	0·00	0·00
London	3,635	140,002	38·5	129	50	58·0	34·0	47·3	8·50	0·00	0·00
London	3,306	110,382	33·4	87	38	61·0	43·0	51·7	10·95	0·00	0·00
London	5,371	142,231	26·5	101	57	-	-	-	-	-	-
London	4,191	218,729	52·2	123	62	61·4	36·6	50·3	10·17	0·00	0·00
London	6,033	555,933	92·1	397	232	61·0	39·2	52·0	11·11	0·00	0·00
London	10,050	314,666	31·3	162	153	68·5	36·8	53·2	11·78	0·00	0·00

* the Meteorological Observers in the several towns, see note at foot of Table 4.
† the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The Dublin is taken as stationary at the number enumerated in April 1871.

DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 55,612 persons, and in DUBLIN, during the Week ending Saturday the 6th October 1877.

C. ries, ON	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.		
-	20·0	2·9	2702	699	512	14	35	91	6	69	54	129	103	180	435
-	19·3	2·3	1308	299	285	14	23	38	2	21	19	36	47	83	266
-	14·8	3·6	29	6	5	-	-	4	-	2	-	1	1	1	3
-	14·0	1·6	34	9	15	-	-	-	-	-	-	4	1	2	5
-	13·7	3·7	22	5	4	-	-	2	-	1	2	1	-	-	3
-	24·3	5·7	34	6	9	-	-	2	-	-	3	3	1	2	3
-	17·2	2·1	67	19	14	-	1	-	-	3	2	2	2	2	14
N	25·6	5·7	36	7	5	-	-	4	-	-	-	4	-	-	4
-	22·7	4·7	164	52	23	-	3	7	2	7	3	12	10	19	22
-	13·3	0·9	30	14	4	-	1	-	-	-	-	1	1	2	5
-	21·4	2·8	39	9	8	-	-	1	-	2	-	2	-	2	-
-	24·5	4·4	247	72	31	-	4	4	-	15	8	13	15	16	29
-	24·7	4·1	170	42	24	-	1	10	1	1	2	13	5	15	33
-	23·3	6·3	63	23	9	-	-	4	-	1	3	9	3	8	3
-	18·0	1·7	31	10	4	-	-	-	-	1	1	1	-	-	1
-	21·0	4·1	72	19	9	-	-	5	-	5	2	2	1	5	11
-	19·8	2·6	113	32	23	-	-	3	-	3	3	6	8	9	6
-	18·1	4·3	98	30	9	-	2	5	1	3	4	8	4	3	16
-	18·6	3·0	50	20	6	-	-	-	-	2	2	4	2	2	5
-	18·0	1·4	38	10	10	-	-	1	-	-	-	2	1	4	2
YNE	20·9	2·9	57	15	10	-	-	1	-	2	-	5	1	5	4
-	25·4	3·0	153	28	36	-	4	5	-	4	2	3	6	4	34

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the FORTIETH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2057	1893	2248	2188	2169	2188	2234	2314	2246	2476	2201·3	2420
Males . .	1074	975	1149	1068	1069	1137	1162	1203	1149	1299	1128·5	1253
Females .	983	918	1099	1120	1100	1051	1072	1111	1097	1177	1072·8	1167
TOTAL Deaths	1182	1229	1367	1279	1283	1276	1386	1242	1397	1200	1284·1	1308
Males . .	627	649	710	693	651	626	706	623	747	620	665·2	667
Females .	555	580	657	586	632	650	680	619	650	580	618·9	641

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867–76 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	July 14.	July 21.	July 28.	Aug. 4.	Aug. 11.	Aug. 18.	Aug. 25.	Sept. 1.	Sept. 8.	Sept. 15.	Sept. 22.	Sept. 29.	Oct. 6.
TOTAL Deaths - - - -	1449	1438	1430	1439	1293	1309	1261	1238	1180	1261	1179	1237	1308
0—20 - - -	795	788	789	778	725	739	694	657	579	631	528	588	600
20—40 - - -	182	174	190	189	161	152	177	198	181	196	194	179	207
40—60 - - -	217	225	206	224	192	207	186	177	208	195	215	209	216
60—80 - - -	223	202	206	222	176	191	175	174	178	196	196	221	227
at 80 years & upwds.	32	49	39	26	39	20	29	32	34	43	46	40	58
Deaths of { Under 1 year -	447	498	464	461	439	440	432	404	349	329	272	314	299
children { 1—5 - - -	227	192	199	239	209	211	166	176	158	214	170	167	198
{ 5—20 - - -	121	98	126	78	77	88	96	77	72	88	86	107	105
Deaths from 7 principal Zymotic Diseases } - - -	324	332	338	315	300	346	260	259	182	226	190	174	153
" " Smallpox - - -	32	35	27	22	20	21	11	20	8	10	10	13	14
" " Measles - - -	28	42	51	51	43	49	29	17	23	23	22	16	23
" " Scarlet Fever - -	21	19	25	15	21	24	24	26	17	38	30	49	38
" " Diphtheria - - -	7	6	4	8	6	12	2	5	7	7	8	4	2
" " Whooping-cough -	46	36	23	21	29	18	17	19	19	32	18	18	21
" " Typhus fever - - -	1	2	2	2	2	1	1	5	2	3	2	2	3
" " Enteric (or Typhoid) fever -	14	15	15	13	10	20	14	12	17	23	24	17	15
" " Simple Cont ^d fever -	6	4	7	7	3	7	4	1	2	4	5	3	1
" " Diarrhœa - - -	169	173	184	176	166	194	158	154	87	86	71	52	36
" " Simple Cholera - -	14	9	9	8	5	3	7	7	6	1	2	2	1
" " Dis. of Respiratory Organs -	159	181	169	144	117	125	124	108	111	152	159	174	257
" " Phthisis - - -	159	149	153	166	129	141	151	148	154	146	158	148	163
" " Heart Diseases - -	76	76	84	81	66	66	61	71	69	82	67	71	84
Violent Deaths - - -	60	42	44	49	38	44	58	48	48	39	40	52	47
Inquest Cases - - -	96	75	89	99	66	75	89	79	92	74	74	81	83
Deaths in Public Institutions	271	265	245	239	220	221	218	227	217	245	235	241	266
TEMPERATURE OF THE AIR:													
Mean - - - -	61·1	59·1	60·8	63·3	62·5	63·7	62·0	59·5	53·5	58·9	51·1	48·5	49·5
Mean of Highest readings -	73·9	69·0	71·3	76·5	73·5	76·3	73·0	69·6	65·2	67·0	59·8	60·5	62·2
Mean of Lowest readings -	50·7	53·0	53·4	53·8	54·6	55·0	53·6	53·1	44·3	53·3	44·6	40·1	36·1
Mean Temperature of the Water of the Thames -	64·6	64·3	64·2	66·2	65·8	66·3	66·7	64·3	61·3	59·5	58·7	55·3	54·4
Humidity of the Air - - -	71	76	80	69	72	74	70	76	72	78	81	86	79
Rain-fall in inches - - -	0·37	0·84	0·60	0·09	0·71	0·01	1·67	0·42	0·78	0·16	0·16	0·03	0·00
Registered Sunshine (in hours)	40·5	37·8	21·7	46·6	34·6	39·1	41·5	37·8	37·7	11·2	20·8	19·7	33·3

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Pilliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTIETH Week of the Year 1877.

TH.	Average in the Fortieth Weeks of the 10 years 1867-76.*	In the Week ending Saturday, October 6, 1877.								CAUSES OF DEATH.	Average in the Fortieth Weeks of the 10 years 1867-76.*	In the Week ending Saturday, October 6, 1877.							
		Deaths of Persons of the Ages										Deaths of Persons of the Ages							
		ALL AGES.	Under 20.			40. 20 and under 40.	60. 40 and under 60.	80. 60 and under 80.	Years and upwards.			ALL AGES.	Under 20.			40. 20 and under 40.	60. 40 and under 60.	80. 60 and under 80.	Years and upwards.
			Mean Tem.	0-1.	1-5.								5-20.	Mean Tem.	0-1.					1-5.	5-20.
	53.6	48.5							Mean Temperature	53.6	48.5								
ES	1284.1	1308	299	196	105	207	216	227	58	9. Stricture of Intestines	.9	3	-	-	-	1	1	1	
	1277.8	1306	298	196	105	207	215	227	58	10. Fistula	.4	-	-	-	-	-	-	-	
ES.										11. Stomach Disease, &c.	6.1	12	4	1	-	1	3	3	
										12. Pancreas Disease, &c.	-	-	-	-	-	-	-	-	
										13. Hepatitis	3.4	4	-	-	-	1	2	1	
										14. Jaundice	4.7	3	-	-	-	1	1	1	
										15. Liver Disease, &c.	18.2	25	1	-	-	5	9	7	
										16. Spleen Disease, &c.	.4	-	-	-	-	-	-	3	
										ORDER 5.									
										1. Nephritis	3.5	1	-	-	-	-	1	-	
										2. Ischuria	.1	-	-	-	-	-	-	-	
										3. Bright's Dis. (Nephria)	12.1	18	-	-	1	6	6	5	
										4. Diabetes	2.6	-	-	-	-	-	-	-	
										5. Calculus (Stone)	.8	1	-	-	-	-	1	-	
										6. Cystitis	1.1	1	-	-	-	-	-	1	
										7. Kidney Disease, &c.	6.8	13	-	-	-	4	1	7	
										ORDER 6.									
										1. Ovarian Dropsy	.7	1	-	-	-	-	-	1	
										2. Uterus Disease, &c.	3.0	3	-	-	-	1	-	2	
										ORDER 7.									
										1. Synovitis (Arthritis)	.2	1	-	-	-	-	-	1	
										2. Joint Disease, &c.	4.8	7	-	1	4	1	-	1	
										ORDER 8.									
										1. Phlegmon	2.5	5	-	-	1	2	1	1	
										2. Ulcer	1.2	1	-	-	1	-	-	-	
										3. Skin Disease, &c.	1.1	2	1	1	-	-	-	-	
										IV. DEVELOPMENTAL DISEASES.									
										ORDER 1.									
										1. Premature Birth	22.4	23	23	-	-	-	-	-	
										2. Cyanosis	1.7	2	2	-	-	-	-	-	
										3. Spina Bifida	.9	1	1	-	-	-	-	-	
										4. Other Malformations	1.0	1	1	-	-	-	-	-	
										5. Teething	9.2	8	5	3	-	-	-	-	
										ORDER 2.									
										1. Paramenia	.3	-	-	-	-	-	-	-	
										2. Childbirth (see Puer- peral Fever)	4.8	3	-	-	-	3	-	-	
										ORDER 3.									
										1. Old Age	34.3	37	-	-	-	-	16	21	
										ORDER 4.									
										1. Atrophy and Debility	66.8	59	50	4	-	-	-	5	
										V. VIOLENT DEATHS, &c.									
										ORDER 1.									
										(ACCIDENT OR NEGLIGENCE.)									
										1. Fractures & Contusions	18.2	15	1	2	3	6	1	1	
										2. Wounds { Gunshot - Cut, Stab }	.9	1	1	-	-	-	-	-	
										3. Burns and Scalds	4.0	7	1	1	1	3	-	1	
										4. Poison	.8	-	-	-	-	-	-	-	
										5. Drowning	6.2	4	-	-	1	3	-	-	
										6. Suffocation	7.2	7	6	-	1	-	-	-	
										7. Otherwise	2.4	2	1	1	-	-	-	-	
										ORDER 3.									
										(HOMICIDE.)									
										1. Murder & Manslaughter	1.5	2	2	-	-	-	-	-	
										ORDER 4.									
										(SUICIDE.)									
										1. Wounds { Gunshot - Cut, Stab }	.2	-	-	-	-	-	-	-	
										2. Poison	1.1	1	-	-	-	-	-	1	
										3. Drowning	1.2	2	-	-	-	1	1	-	
										4. Hanging	.7	-	-	-	-	-	-	-	
										5. Otherwise	1.0	5	-	-	-	2	1	2	
										ORDER 5.									
										(EXECUTION.)									
										1. Hanging	-	-	-	-	-	-	-	-	
										Violent Deaths(not classed)	1.0	-	-	-	-	-	-	-	
										Sudden Deaths (Cause unascertained)	.4	-	-	-	-	-	-	-	
										Causes not specified or ill-defined	8.9	2	1	-	-	-	1	-	

should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1877.

Person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, &c., during the Week ending

REGISTRATION SUB-DISTRICTS.		Enume- rated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include													
					Deaths of		Deaths from											
							Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhea.	Violence.
LONDON		3,254,260	2420	1308	299	285	14	23	38	2	21	3	15	1	36	47	83	
WEST DISTRICTS		561,359	384	208	40	50	4	2	3	-	3	-	1	-	4	4	7	
NORTH DISTRICTS		751,729	562	292	61	66	3	10	14	-	3	1	5	-	11	8	14	
CENTRAL DISTRICTS		334,369	192	158	37	24	-	1	3	-	1	1	-	-	7	8	24	
EAST DISTRICTS		639,111	484	264	73	56	3	4	6	1	6	1	3	1	7	7	17	
SOUTH DISTRICTS		967,692	798	386	88	89	4	6	7	1	8	-	6	-	7	20	51	
WEST DISTRICTS.																		
St. Mary Paddington WH		58728	43	31	5	9	-	1	-	-	2	-	-	-	-	-	-	
St. John Paddington H		38085	12	4	-	1	-	-	-	-	-	-	-	-	-	-	-	
Kensington Town W		91645	59	38	5	11	-	-	-	-	1	-	1	-	1	1	1	
Brompton H		28654	21	10	2	-	-	-	1	-	-	-	-	-	-	-	-	
St. Peter Hammersmith		6662	5	4	-	1	-	-	-	-	-	-	-	-	-	-	-	
St. Paul Hammersmith H		36029	35	13	3	3	-	-	-	-	-	-	-	-	-	-	-	
Fulham WwH		23350	31	13	3	2	4	-	-	-	-	-	-	-	-	-	-	
Chelsea South HHH		26420	20	6	1	4	-	-	-	-	-	-	-	-	-	-	-	
Chelsea North-west WHHHH		22926	26	14	4	3	-	-	-	-	-	-	-	-	1	-	1	
Chelsea North-east		21392	24	6	-	4	-	-	-	-	-	-	-	-	-	1	1	
Hanover Square H		18698	12	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
May Fair WW		13358	6	5	1	2	-	-	-	-	-	-	-	-	-	-	-	
Belgrave HH		57972	22	15	4	2	-	-	-	-	-	-	-	-	-	-	1	
St. John Westminster HH		38478	31	11	4	3	-	1	1	-	-	-	-	-	1	-	1	
St. Margaret Westminster WH		27781	12	18	3	5	-	-	1	-	-	-	-	-	-	-	-	
Golden Square WH		12860	11	4	2	-	-	-	-	-	-	-	-	-	1	-	-	
Berwick-street H		20759	7	6	-	-	-	-	-	-	-	-	-	-	-	1	1	
St. Anne Soho HHHHH		17562	7	7	2	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH DISTRICTS.																		
All Souls Marylebone HHHH		28579	12	12	-	2	-	-	-	-	-	-	-	-	-	-	-	
Cavendish Square HH		15425	10	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
Rectory Marylebone WH		26384	11	10	2	4	-	-	-	-	-	-	-	-	-	-	-	
St. Mary Marylebone HHH		21786	24	8	2	2	-	2	-	-	-	-	-	-	-	-	-	
Christchurch Marylebone H		33944	20	13	2	1	-	4	-	-	-	-	1	-	-	-	-	
St. John Marylebone H		33136	12	11	1	3	-	-	2	-	-	-	-	-	1	-	-	
Hampstead WwHH		32281	10	15	6	-	2	-	-	-	1	-	-	-	3	1	-	
Regent's Park Pancras		38200	28	7	1	3	-	-	-	-	-	-	-	-	-	-	-	
Tottenham-court wHHH		29370	20	16	1	1	-	-	1	-	-	-	-	-	-	1	-	
Gray's Inn Lane HHH		29221	23	10	1	3	-	-	1	-	1	-	-	-	-	-	-	
Somers Town		38533	24	13	3	6	-	-	-	-	-	-	-	-	-	-	-	
Camden Town WH		17943	23	20	6	8	-	-	1	-	-	-	-	-	-	-	-	
Kentish Town w		68198	53	25	9	3	-	2	1	-	-	-	-	-	-	3	4	
Islington West HHH		97820	74	35	7	4	-	2	5	-	1	-	1	-	2	-	-	
Islington East WwvH		115958	96	47	12	10	-	-	3	-	-	-	-	-	4	2	3	
Stoke Newington H		9841	16	3	1	1	-	-	-	-	-	-	-	-	1	-	-	
Stamford Hill		6598	2	3	1	-	-	-	-	-	-	-	1	-	-	-	-	
West Hackney		28069	24	9	2	3	-	-	-	-	-	-	1	-	-	-	-	
Hackney WwvHL		50104	40	22	3	7	1	-	-	-	-	-	-	-	-	-	-	
South Hackney		30339	30	12	1	4	-	-	-	-	-	1	1	-	-	-	-	
CENTRAL DISTRICTS.																		
St. George Bloomsbury		17853	13	4	1	1	-	-	1	-	-	-	-	-	-	-	-	
St. Giles South WH		19109	12	12	4	2	-	-	1	-	-	-	-	-	2	2	-	
St. Giles North		16594	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
Long Acre		11379	1	4	-	1	-	-	-	-	-	-	-	-	-	-	-	
Charing Cross HH		9859	3	4	-	1	-	-	-	-	-	-	-	-	-	-	-	
St. Mary-le-Strand		9378	5	3	-	2	-	-	-	-	-	-	-	-	-	-	-	
St. Clement Danes H		10723	6	9	2	3	-	-	1	-	1	-	-	-	-	-	-	
St. George-the-Martyr HHHHH		20521	15	16	3	3	-	1	-	-	-	-	-	-	-	-	-	
St. Andrew Eastern W		13529	4	13	1	-	-	-	-	-	-	-	-	-	-	-	-	
Saffron Hill H		9063	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. James Clerkenwell W		18917	11	11	4	1	-	-	2	-	-	-	-	-	1	-	-	
Amwell Clerkenwell		16884	12	9	2	2	-	-	-	-	-	-	-	-	-	-	-	
Pentonville		13337	10	7	1	1	-	-	-	-	-	-	-	-	-	-	-	
Goswell-street		16242	17	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
Old-street H		12161	11	4	3	-	-	-	-	-	-	-	-	-	2	-	-	
City-road HHL		18301	23	10	5	1	-	-	1	-	-	-	-	-	-	-	-	
Whitecross-street		13792	8	5	2	1	-	-	-	-	-	-	-	-	-	-	-	
Finsbury		10741	7	4	2	1	-	-	-	-	-	-	-	-	-	-	-	
St. Botolph East London H		14540	7	6	2	1	-	-	-	-	-	-	-	-	-	-	-	
Cripplegate		13638	4	3	1	1	-	-	-	-	-	-	-	-	1	-	-	
St. Sepulchre H		7562	3	17	-	-	-	-	-	-	-	1	-	-	-	-	-	
St. Bride W		11185	3	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
Castle Baynard		4426	1	3	-	2	-	-	-	-	-	-	-	-	-	-	-	
Christchurch		6270	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Queenhithe		4753	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Allhallows Barking		5764	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Broad-street H		7845	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see list at the foot of next page.

ERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
October 1877.

DISTRICTS.	Enumerated Population, 1871.	Total Births during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
				Deaths of		Deaths from											
				Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhoea.	Violence.		
CHURCH ST.	12430	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
CHURCH ST.	16545	4	2	1	-	-	1	-	-	-	-	-	-	-	-	-	-
CHURCH ST.	27835	22	11	5	1	-	-	1	-	-	-	-	-	-	-	-	-
CHURCH ST.	26933	25	11	3	2	-	-	1	-	-	-	-	1	-	-	-	-
CHURCH ST.	43421	34	15	4	3	-	-	-	-	-	-	-	-	-	-	-	7
CHURCH ST.	29822	19	9	3	1	-	-	-	-	-	2	-	-	1	-	-	-
CHURCH ST.	42433	37	19	5	6	-	-	-	-	-	2	-	-	1	1	2	3
CHURCH ST.	26577	16	6	2	1	-	-	-	-	-	-	-	-	1	-	-	-
CHURCH ST.	21272	8	7	2	-	-	-	1	-	-	-	-	-	-	-	-	-
CHURCH ST.	22499	17	5	4	1	-	-	-	-	-	-	-	-	2	-	-	-
CHURCH ST.	15550	12	7	1	3	-	-	-	-	-	-	-	-	1	-	1	5
CHURCH ST.	11597	5	4	2	-	-	-	-	-	-	-	1	-	-	-	-	-
CHURCH ST.	7322	4	20	4	4	-	-	-	-	-	-	-	-	-	1	3	16
CHURCH ST.	10381	6	4	1	1	-	1	-	-	-	-	-	-	-	-	1	-
CHURCH ST.	9224	6	3	1	-	-	-	-	-	-	-	-	-	-	-	2	-
CHURCH ST.	17900	6	9	1	1	-	1	1	-	-	-	1	-	-	1	2	-
CHURCH ST.	21350	10	11	3	3	-	-	-	-	1	-	1	-	-	1	1	-
CHURCH ST.	8802	4	6	-	4	-	-	-	-	-	-	-	-	-	-	-	5
CHURCH ST.	11640	19	7	3	-	-	-	-	-	-	1	-	-	-	1	1	8
CHURCH ST.	16131	14	7	5	-	-	-	-	-	-	-	-	-	-	1	1	-
CHURCH ST.	29919	21	5	3	1	-	-	-	-	-	-	-	-	-	-	-	-
CHURCH ST.	38128	32	12	5	2	-	-	-	-	-	-	-	-	-	-	-	-
CHURCH ST.	65024	50	24	3	8	1	-	1	-	-	-	-	-	1	-	1	3
CHURCH ST.	67765	70	45	10	10	1	-	2	1	-	1	-	-	1	-	-	11
CHURCH ST.	48611	37	14	2	3	1	-	-	-	-	-	-	-	-	1	2	-
CHURCH ST.	14573	9	6	2	3	-	-	-	-	-	-	-	-	-	-	-	2
CHURCH ST.	15677	9	4	1	-	-	-	-	-	-	-	-	-	-	1	1	-
CHURCH ST.	20421	17	6	2	2	-	-	-	-	-	-	-	-	-	-	1	-
CHURCH ST.	16695	15	4	1	1	-	-	-	-	-	-	-	-	-	-	2	-
CHURCH ST.	18961	13	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-
CHURCH ST.	23682	16	6	1	-	-	-	1	-	-	-	-	-	-	-	-	-
CHURCH ST.	48248	49	23	6	6	-	1	1	-	2	-	-	-	-	-	-	7
CHURCH ST.	16792	12	5	2	3	-	-	-	-	1	-	-	-	-	-	-	-
CHURCH ST.	4373	2	6	-	1	-	-	-	-	-	-	-	-	-	2	2	6
CHURCH ST.	10500	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHURCH ST.	16787	14	5	2	-	-	-	1	-	-	-	-	-	-	-	-	-
CHURCH ST.	15709	12	7	-	4	-	-	-	-	-	-	-	-	-	1	2	5
CHURCH ST.	47933	39	14	6	2	-	-	-	-	1	-	-	-	-	-	-	-
CHURCH ST.	27096	29	16	2	6	-	-	-	-	-	-	-	-	-	2	2	8
CHURCH ST.	14074	12	3	1	-	-	-	-	-	-	-	-	-	-	-	-	1
CHURCH ST.	18465	15	8	2	-	-	1	2	-	-	-	-	-	-	-	-	-
CHURCH ST.	19492	14	13	4	3	-	-	-	-	-	-	-	-	-	2	2	7
CHURCH ST.	35833	32	21	2	3	-	-	-	-	1	-	-	-	1	1	1	4
CHURCH ST.	41286	31	17	3	3	-	2	-	-	-	-	-	-	-	-	-	-
CHURCH ST.	31221	23	9	1	3	-	-	-	-	-	-	-	-	-	-	-	-
CHURCH ST.	35435	38	13	3	2	3	-	-	-	-	-	2	-	-	-	-	5
CHURCH ST.	12536	10	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
CHURCH ST.	27347	16	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-
CHURCH ST.	54016	73	17	6	4	-	-	-	-	-	-	-	-	1	1	2	3
CHURCH ST.	19783	8	5	-	2	-	-	-	-	-	-	-	-	1	-	-	-
CHURCH ST.	9439	4	3	1	-	-	-	-	-	-	-	1	-	-	1	1	-
CHURCH ST.	14475	10	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-
CHURCH ST.	4041	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHURCH ST.	31254	27	26	6	3	-	-	-	-	1	-	-	-	-	-	-	11
CHURCH ST.	42160	41	17	5	1	-	-	1	-	-	-	1	-	-	1	2	-
CHURCH ST.	33851	40	18	8	4	-	-	1	-	2	-	2	-	2	1	1	-
CHURCH ST.	53714	45	24	8	6	-	2	-	-	-	-	-	-	1	3	4	-
CHURCH ST.	6474	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
CHURCH ST.	21034	12	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-
CHURCH ST.	19378	19	15	2	9	-	-	-	-	-	-	-	-	-	1	1	9
CHURCH ST.	4539	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHURCH ST.	16440	6	7	-	-	-	1	-	-	-	-	-	-	-	-	-	-
CHURCH ST.	11513	10	9	2	1	-	-	-	-	-	-	-	-	-	-	-	2
CHURCH ST.	19065	10	4	-	3	-	-	-	-	-	-	-	-	-	-	-	-
CHURCH ST.	9564	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHURCH ST.	17226	11	11	1	3	-	-	-	1	-	-	-	-	-	1	1	-
CHURCH ST.	18331	20	3	1	-	-	-	-	-	-	-	-	-	-	-	2	-
CHURCH ST.	13027	10	3	1	1	-	-	-	-	-	-	-	-	-	-	1	-
CHURCH ST.	15232	8	9	1	3	-	-	-	-	-	-	-	-	-	-	1	5

WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the

Asylum in Tottenham-court sub-district.

" Kentish Town sub-district.

Workhouse in Islington East sub-district.

Workhouse " Hackney sub-district.

" Hoxton New Town sub-district.

" Mile End Old Town Eastern sub-district.

Asylums of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston

† Private Lunatic Asylums in which paupers are received.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and
Bow sub-district.

Stepney

Poplar & Stepney Sick Asylum

Westminster Union Industrial School in " Battersea sub-district."

Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-

ney, Brixton, and St. Paul Deptford sub-districts.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 6th October 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include											
						Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Unnatural Causes.	Unnatural Causes.
	LONDON—OUTER RING	368,414	631,381	527	222	53	57	2	3	7	-	1	2	3	7	10	8
29: 1	Carshalton <i>wL</i> - - -	12228	13523	6	2	1	1	-	-	-	-	-	-	-	-	-	-
2	Epsom (<i>part of</i>) * <i>WH</i> -	9971	9145	4	5	1	1	-	-	-	-	-	-	-	-	-	-
36: 1	Godstone (<i>part of</i>) * - -	2754	900	2	-	-	-	-	-	-	-	-	-	-	-	-	-
37: 1	Croydon <i>WWH</i> - - -	20851	71319	44	28	4	7	-	1	1	-	-	-	-	-	1	1
2	Mitcham <i>WH</i> - - -	11697	12534	9	6	2	1	-	-	-	-	1	-	-	-	-	1
38: 1	Wimbledon <i>HH</i> - - -	3220	9087	5	3	2	-	-	-	-	-	-	-	-	-	-	-
2	Kingston <i>WH</i> - - -	8549	27489	13	5	1	2	-	-	-	-	-	-	-	-	-	-
3	Esher (<i>part of</i>) * - - -	6601	7353	5	1	-	1	-	-	-	-	-	-	-	-	-	-
4	Hampton - - -	4573	10185	6	-	-	-	-	-	-	-	-	-	-	-	-	-
39: 1	Richmond <i>WH</i> - - -	2271	16829	11	6	2	1	-	-	-	-	-	-	1	1	1	1
2	Mortlake - - -	2961	9316	6	6	-	3	-	1	-	-	-	-	-	-	-	-
40: 1	Bromley (<i>part of</i>) * <i>HH</i> -	15669	19509	23	5	1	2	-	-	-	-	-	-	-	-	-	-
2	Chislehurst (<i>part of</i>) * <i>W</i> -	13665	10028	7	2	1	-	-	-	-	-	-	-	-	-	-	-
41: 1	Bexley <i>H</i> - - -	13439	19566	13	7	3	2	-	-	1	-	-	-	-	-	-	-
123: 1	Sunbury <i>W</i> - - -	11055	9360	7	2	1	-	-	-	-	-	-	-	-	-	-	-
2	Staines <i>W</i> - - -	13277	10339	4	1	-	1	-	-	-	-	-	-	-	-	-	-
124: 1	Hillingdon <i>WH</i> - - -	6029	9712	11	4	-	2	-	-	-	-	-	-	-	-	1	1
2	Uxbridge - - -	6178	5329	3	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes <i>WL</i> - - -	14587	10497	4	4	-	1	-	-	-	-	-	-	-	-	-	-
125: 1	Isleworth <i>W</i> - - -	7008	19930	17	5	2	1	-	-	-	-	-	-	-	-	-	-
2	Twickenham - - -	2477	10533	8	1	-	1	-	-	-	-	-	-	-	-	-	-
3	Brentford <i>HL</i> - - -	4370	20279	12	5	2	3	-	-	-	-	-	-	1	-	-	-
4	Chiswick - - -	1311	8508	9	5	2	2	-	-	-	-	-	-	-	-	-	-
5	Acton <i>WH</i> - - -	6087	12683	10	3	1	1	-	-	-	-	-	-	-	-	-	-
126: 1	Harrow <i>H</i> - - -	13809	10869	6	2	1	1	-	-	-	-	-	-	-	-	-	-
2	Edgware - - -	6994	3450	2	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - -	4383	15869	18	3	1	-	-	-	1	-	-	-	-	-	-	1
4	Hendon <i>WH</i> - - -	8382	6972	6	2	-	-	-	-	-	-	-	-	-	-	-	-
127: 1	South Mimms - - -	15419	5924	1	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Barnet <i>W</i> - - -	5423	7752	6	1	-	-	-	-	-	-	-	-	-	-	-	-
3	Finchley <i>L</i> - - -	4688	11493	5	2	1	-	-	-	-	-	-	-	-	-	-	-
128: 1	Hornsey <i>H</i> - - -	3039	19357	18	7	2	2	-	-	-	-	-	-	-	-	-	-
2	Tottenham <i>H</i> - - -	4642	22869	24	10	1	2	-	-	2	-	-	1	-	-	1	1
3	Edmonton <i>WW</i> - - -	7483	13860	21	8	1	2	-	-	-	-	-	-	-	-	-	-
4	Enfield <i>WH</i> - - -	12653	16054	4	7	-	3	-	-	-	-	-	-	-	-	1	1
5	Waltham Abbey - - -	11017	5197	7	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - -	8493	7518	5	2	1	-	-	-	-	-	-	-	1	-	-	-
134: 1	Hatfield (<i>part of</i>) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136: 1	Bushey - - -	9028	6472	8	3	-	2	-	-	-	-	-	-	-	-	-	-
185: 1	Stratford - - -	882	23236	34	14	2	-	-	-	-	-	-	-	-	-	-	-
2	West Ham <i>WWWW</i> - - -	7345	44642	64	24	7	3	2	-	2	-	-	-	-	-	2	3
3	Leyton <i>WW</i> - - -	4274	15513	12	14	3	4	-	-	-	-	-	-	-	-	-	-
4	Walthamstow <i>H</i> - - -	6619	15701	21	8	2	3	-	-	-	-	-	1	-	-	-	-
186: 1	Chigwell (<i>part of</i>) * <i>H</i> -	10483	8169	8	2	-	1	-	1	-	-	-	-	-	-	-	-
188: 1	Romford (<i>part of</i>) * - -	6730	2879	1	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - -	8492	5947	11	5	4	1	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4123	6576	6	2	1	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warlingham and Farley in Havering sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chislehurst (pop. 10,000); 134: 1, only the parish of Northaw in Hatfield sub-district; 186: 1, the whole of the Chigwell sub-district, except the parish of Thorpe (pop. 798); 188: 1, only the parish of Dagenham in Romford sub-district.

GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 6th October, 1877.

	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.		
DON	446,494	4,367,547	18·3	2·0	1530	352	342	16	26	45	2	22	21	39	54	302	
N -	78,080	3,533,484	19·3	2·3	1308	299	285	14	23	38	2	21	19	36	47	266	
-	368,414	834,063	13·9	1·1	222	53	57	2	3	7	-	1	2	3	7	36	

of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 3,533,484 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 368,414 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES.

NS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
A - -	429,535	August 25	-	251	30·4	Fevers 95; cholera 13.
- -	644,405	September 4	-	623	50·3	Remittent fever 194; cholera 45.
- -	397,552	August 17	372	944	123·4	Small-pox 54; cholera 83; dysentery 226.
- -	1,983,806	October 4	-	881	23·1	Typhoid fever 31.
- -	67,829	September 29	37	30	23·1	Typhoid fever and typhus 2.
S - -	188,609	" 29	-	-	-	-
DAM -	289,931	" 29	-	-	-	-
DAM -	136,231	" 29	-	-	-	-
GUE -	104,095	" 29	-	-	-	-
AGEN -	215,000	October 2	146	98	23·8	Whooping-cough 5.
LM -	146,845	September 22	-	73	25·8	Scarlet fever 3; typhoid fever 2.
ANIA -	79,000	" 29	75	26	17·1	Whooping-cough 5.
RSBURGH	669,741	" 8	-	383	30·1	Typhus and typhoid fever 26; scarlet fever 6.
- -	997,269	" 15	845	555	28·8	Typhus and typhoid fever 15; scarlet fever 32.
G (State)	393,588	" 15	339	183	24·9	Whooping-cough 7; scarlet fever 3.
- -	202,295	" 22	170	99	25·1	Croup 6.
- -	246,813	" 29	-	-	-	-
- -	209,000	" 29	182	134	32·0	Typhoid fever 3.
- -	714,548	" 29	572	282	20·5	Small-pox 4; diphtheria 12.
STH -	315,101	" 22	243	192	31·5	Typhus 5; diarrhoea 18.
- -	278,099	" 22	152	106	19·7	Fevers 4.
- -	454,918	" 9	-	176	20·1	Typhus 7; typhoid fever 3.
- -	223,488	" 15	158	119	27·5	Typhus and typhoid fever 14.
- -	139,796	" 29	75	70	26·3	Typhoid fever 2.
ORIA -	212,034	" 16	163	270	66·4	Whooping-cough 12.
RK -	1,077,228	" 8	-	539	26·0	Scarlet fever 12; diphtheria 16.
YN -	527,830	" 8	-	255	25·1	Scarlet fever 7; diphtheria 16.
ELPHIA -	850,856	" 15	-	274	16·8	Typhoid fever 13; scarlet fever 10.
- -	363,000	" 8	-	150	21·4	Diphtheria 4; typhoid fever 5.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 6th OCTOBER, 1877.
[Under the Superintendence of the Astronomer Royal.]

MOON.		READINGS OF THERMOMETERS.										DIFFERENCE				WIND.				RAIN.	Ozone.				
Phases of Moon.	Mean daily reading (corrected and reduced to 32 deg. Fahrenheit).	Dry.			Dew Point.	Highest in the sun, as shown by a self-registering thermo meter with blackened bulb in vacuo. Grass.	Lowest on the Grass, as shown by a self-registering thermo meter.	In the Water of the Thames at Greenwich, by self-registering Thermometers.			Between Dew Point and Temperature. Air Temperature.		Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*		Degree of humidity, complete saturation being represented by 100.		As deduced from Anemometers.					Collected in a Gauge whose receiving surface is 5 in. above the ground.			
		High-est.	Low-est.	Range in day.	Mean daily value.	Mean daily value.	Highest.	Lowest.	Mean daily value.	Great-est.	Least.	General Direction.	Pressure on square foot.		Amount of Horizontal Movement of Air each day.	Robinson's.	Inches.								
													Great-est.	Mean of 24 Obs.				A. M.	P. M.	lbs.			lbs.	Miles.	Miles.
SEPT.																									
SUN. . 30	in.	30.010	64.8	36.6	28.2	50.6	44.5	118.6	31.9	56.1	54.3	6.1	15.5	0.5	— 3.7	80	NE.&ENE.	E. & ENE.	0.3	0.0	0.0	158	— 89	0.00	0.0
OCTOBER.																									
MON. . 1	..	29.995	63.8	40.9	22.9	50.8	44.2	116.3	32.5	56.1	54.3	6.6	16.4	0.9	— 3.6	78	NNE. N. & NNW.	N. & NNE.	0.0	0.0	0.0	137	— 105	0.00	0.0
TUES. . 2	..	29.864	60.2	37.8	22.4	47.6	42.1	105.0	30.8	55.5	54.1	5.5	16.0	0.0	— 6.6	81	SW. & N.	NNE. & ENE.	0.0	0.0	0.0	79	— 159	0.00	0.0
WED. . 3	..	29.843	60.0	34.4	25.6	46.0	40.7	100.0	28.6	55.3	53.7	5.3	14.2	1.1	— 7.9	82	Calm.	NE. & E.	0.0	0.0	0.0	95	— 141	0.00	0.0
THURS. . 4	Perigee.	30.053	60.5	31.0	29.5	45.7	40.0	93.4	25.6	54.8	53.3	5.7	15.4	0.0	— 7.8	81	N.	E. & ENE.	0.0	0.0	0.0	106	— 127	0.00	0.0
FRI. . 5	In Equator	30.311	63.2	35.9	27.3	49.6	42.5	114.0	28.0	55.3	52.7	7.1	15.2	0.0	— 3.6	76	NE.	E. ENE. & ESE.	1.2	0.0	0.1	177	— 54	0.00	0.0
SAT. . 6	New.	30.462	63.0	36.1	26.9	49.4	41.0	118.1	26.4	54.3	52.3	8.4	17.3	0.7	— 3.5	73	NE.	ENE. ESE. & E.	0.3	0.0	0.0	158	— 72	0.00	0.0
MEANS .	..	30.077	62.2	36.1	26.1	48.5	42.1	109.3	29.1	55.3	53.5	6.4	15.7	0.5	— 5.2	79	NE.	..	..	..	..	Sum 910	Sum -747	0.00	0.0
No. of Col.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE.	SEPT.	30	OCTOBER.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
SEPTEMBER.																														
SUNDAY																														
MONDAY																														
TUESDAY																														
WEDNESDAY																														
THURSDAY																														
FRIDAY																														
SATURDAY																														
SKY AND ATMOSPHERE.																														
Very foggy in early morning; fine with few light clouds during day; cloudless at night.																														
Fine; generally cloudy.																														
Dense fog prevailed in early morning; very fine throughout day, and the amount of cloud was small. Foggy at night.																														
Dense fog in morning; fine and partially cloudy during day. Cloudless and foggy at night.																														
Very foggy in early morning; fine but cloudy throughout the day.																														
Dense fog prevailed in early morning; fine and partially cloudy till evening; cloudless at night.																														
Fine; very little cloud. Slight fog in morning and at night. Solar halo seen in afternoon.																														
Sum 33.3																														
Sum 80.6																														

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending December 31, 1845.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873.

* In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and - "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, OCTOBER 13. [Price 1½d.

*General Register Office, Somerset House,
October 15th, 1877.*

UNITED KINGDOM.

During last week 5659 *births* and 3276 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2383. The mortality from all causes was at the average rate of 19·5 deaths annually in every 1000 persons living. The annual death-rate per 1000 in Edinburgh, 22 in Glasgow, and 23 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Plymouth 14, Portsmouth 15, Norwich 17, Sunderland 18, Brighton 18, Sheffield 19, Bradford 19, Leeds 19, Manchester 20, Oldham 20, Bristol 22, Newcastle 22, Leicester 23, Birmingham 23, Liverpool 24, Hull 24, Manchester 26, Wolverhampton 26, Liverpool 27, and the average rate 30 in Salford. Scarlet fever showed an increased fatality in Wolverhampton, and small-pox caused 18 deaths in the twenty towns, of which 14 occurred in London, 2 in Liverpool, one in Brighton, and one in Sheffield.

LONDON.

IN LONDON 2392 BIRTHS and 1321 DEATHS were registered. Allowing for the increase of population, the births exceeded by 24, whereas the deaths were 89 below the average numbers in the corresponding week of the last ten years. The death-rate from all causes, which in the three previous weeks had been 17·4, 18·3, and 19·3 per 1000, further rose last week to 19·5.

The 1321 deaths included 14 from small-pox, 33 from measles, 50 from scarlet fever, 11 from diphtheria, 10 from whooping-cough, 29 from different forms of fever, and 48 from diarrhoea; thus to the seven principal diseases of the present class 195 deaths were referred, against numbers declining from 226 in the four preceding weeks. These 195 deaths were 77 below the corresponding average number from the same diseases in the corresponding week of the last ten years. The fatal cases of measles, scarlet fever, and diphtheria showed a decided increase upon the numbers in recent weeks. Scarlet fever caused 5 deaths in Paddington (including 3 in one family in Woodchester Street), 12 in Clerkenwell, and 7 in Shoreditch. Of 23 deaths from all causes in Clerkenwell, 11 were referred to scarlet fever, 3 to measles, and one to enteric fever. The 11 deaths from diphtheria included 7 in South London, of which 4 occurred in Clerkenwell. The recorded deaths from whooping-cough were unusually few. The deaths referred to fever, although 14 below the corrected average, exceeded in the previous week by 10; 3 were fatal cases of typhus, 21 of enteric fever, and 10 of simple continued fever. The 3 fatal cases of typhus occurred at 10, Wood Place, Shoreditch; at 3, St. John's Place, York Road, Battersea; and the third was of a gunner in the Royal Artillery, recorded in the Herbert Hospital, Clerkenwell. The 48 deaths from diarrhoea, although 6 below the corrected average, showed a slight increase upon the number in the previous week; the death of an aged 13 months was referred to choleraic diarrhoea.

The deaths from small-pox, which had been 10, 13, and 14 in the three preceding weeks, were again 14 last week, of which 11 were recorded in the Metropolitan Asylum Hospitals, and 3 in private dwellings; of the latter three, one died in Paddington, one in Chelsea, and one in Bethnal Green. Eleven of the cases (including one of an infant, aged 15 days), were certified as unvaccinated, 3 as vaccinated, and in the other case the medical certificate did not give any information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which in the twenty preceding weeks had steadily declined from 964 to 137, rose last week to 145, and the new cases admitted during the week further increased to 45, from 32 in the preceding week.

25 and 28 in the two previous weeks. The Highgate Small-pox Hospital contained 14 patients on Saturday last, against 17 and 18 at the end of the two preceding weeks.

The deaths referred to diseases of the respiratory organs, which in the six previous weeks had continuously increased from 108 to 257, further rose to 259 last week, and exceeded the corrected weekly average by 40; 159 resulted from bronchitis, and 71 from pneumonia.

Different forms of violence caused 51 deaths; 43 were the result of negligence or accident, including 19 from fractures and contusions, 7 from burns and scalds, 2 from drowning, 2 from poison, and 10 of infants under one year of age from suffocation. Five deaths were caused by horses or vehicles in the streets, one of which was 'found' manslaughter. Six deaths by suicide were registered.

GREATER LONDON.

In Greater London 2895 births and 1568 deaths were registered, equal to annual rates of 34·6 and 18·7 per 1000 of the population. In the Outer Ring 2 fatal cases of small-pox and 5 of scarlet fever occurred in West Ham; scarlet fever also caused 3 deaths at Bexley, 2 at Croydon, and 2 at Edmonton.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 33, Bombay 54, Madras 121; Paris 22; Geneva 21; Brussels 22; Amsterdam 19, Rotterdam 17, The Hague 27; Copenhagen 19; Stockholm 25; Christiania 20; St. Petersburg 30; Berlin 26, Hamburg 25, Dresden 23; Breslau 27, Munich 34; Vienna 20, Buda-Pesth 30; Rome 17, Naples 22, Turin 22, Venice 22; Alexandria 48; New York 24, Brooklyn 22, Philadelphia 16, and Boston 27.

MADRAS.

The weekly returns supplied by the Sanitary Commissioner for Madras bring into strong relief the terrible effects of the famine. The estimated population of the municipality for the year is 397,552; of whom 3,613 are Europeans, 12,013 East Indians, 330,962 Hindoos, 50,964 Mahomedans. The weekly deaths in the previous year up to the beginning of December averaged less than 300, and in the third week of November only 266 deaths were recorded; at the end of December the weekly deaths increased to 515. Cholera set in; diarrhoea, dysentery followed, then fever and small-pox. The deaths rose to 1,237 in the last week of February. The fatality from these epidemics subsided in spring and summer, and the weekly deaths fell to 829 in June; in July they rose again to 1,150, owing to dysentery, diarrhoea, fever, and other zymotic maladies. The deaths in the last return received were 923, so that the mortality had somewhat subsided. The annual rate of mortality through the year was 127 per 1000. In London the annual rate of mortality in the same period was 22. In Madras 33,065 deaths were recorded in the 34 weeks. The population of London is nearly nine times (8·888) the population of Madras, and had the mortality been at the same rate as in Madras, the deaths in London in the 34 weeks instead of 51,218 would have amounted to 293,892. The Commissioner said in January the "death-rates in Madras are influenced by famine," and added, "a large number of the famine-stricken inhabitants of neighbouring districts have flocked into the town." After allowing for this disturbing element the mortality is above anything of which London has had recent experience; yet the mortality of Madras is not half what the mortality was here during some plague years; so much is London indebted to sanitary improvements of which Madras is still sorely destitute.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·94 in., the highest reading was 30·45 in. at the beginning of the week, and the lowest 29·69 in. on Saturday morning. The mean temperature of the *air* was 48°·1, and 3°·5 below the average in the corresponding week of the 60 years 1814-73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average on each of the first six days of the week, and on Sunday 7th instant was but 43°·5, or 9°·1 below the average; on Saturday the mean rose to 54°·4, and showed an excess of 3°·7. The lowest night temperature was 33°·8 on Sunday, and the highest day temperature in the shade 61°·4 on Saturday; the extreme range in the week was, therefore, 27°·6. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 105°·4 on Monday. The difference between the mean *dew-point* and *air* temperature averaged 6°·9. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 52°·7. The mean degree of *humidity* of the air was 77, complete saturation being represented by 100. The general direction of the *wind* was North-west and South-west, and the horizontal movement of the air averaged 14·8 miles per hour, which was 4·6 above the average in the corresponding week of 16 years. *Rain* fell on three days of the week, to the aggregate amount of 0·33 of an inch. The duration of registered sunshine in the week was 18·0 hours, the sun being above the horizon during 76·9 hours.

BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 13th October, 1877.

Varieties, (NON)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 13th October 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERA- TURE OF THE AIR. (CENTI- GRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centi- metres.
the } DOM }	212,881	8,144,940	38·3	5659	3276	66·7	31·7	48·2	9·00	0·39	0·99
-	75,362	3,533,484	46·9	2392	1321	61·4	33·8	48·1	8·93	0·33	0·84
-	2,354	102,264	43·4	63	36	60·6	38·0	49·1	9·50	0·10	0·25
-	4,486	127,144	28·3	60	37	60·3	39·5	50·6	10·34	0·19	0·48
-	7,472	84,023	11·2	60	27	62·0	40·5	48·5	9·17	0·46	1·17
-	1,395	72,911	52·3	60	19	59·5	38·5	49·6	9·78	0·10	0·25
-	4,452	202,950	45·6	149	86	53·8	32·9	46·7	8·17	0·14	0·36
ON -	3,396	73,339	21·6	43	37	56·5	31·7	44·8	7·12	0·23	0·58
-	8,400	377,436	44·9	284	167	-	-	-	-	-	-
-	3,200	117,461	36·7	99	51	62·2	35·5	47·2	8·44	0·16	0·41
-	1,996	95,025	47·6	83	43	60·6	32·1	45·9	7·67	0·16	0·41
-	5,210	527,083	101·2	409	263	-	-	-	-	-	-
-	4,293	359,213	83·7	253	181	-	-	-	-	-	-
-	5,170	141,184	27·3	149	81	64·5	33·0	47·3	8·50	0·93	2·36
-	4,666	89,796	19·2	64	34	-	-	-	-	-	-
-	7,220	179,315	24·8	113	65	53·6	41·4	47·8	8·78	0·84	2·13
-	21,572	293,189	13·8	202	109	63·0	41·0	48·5	9·17	0·63	1·60
-	19,651	282,130	14·4	135	102	65·0	37·5	48·1	8·95	0·72	1·83
-	3,635	140,002	38·5	117	64	-	-	-	-	-	-
-	3,306	110,382	33·4	87	33	62·0	40·0	49·6	9·78	0·40	1·02
TYNE	5,371	142,231	26·5	120	61	-	-	-	-	-	-
-	4,191	218,729	52·2	134	78	60·6	34·0	47·1	8·39	0·64	1·63
-	6,033	555,933	92·1	379	235	-	-	-	-	-	-
-	10,050	314,666	31·3	149	136	66·7	37·1	51·8	11·01	0·25	0·63

* the Meteorological Observers in the several towns, see note at foot of Table 4.
† for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The Dublin is taken as stationary at the number enumerated in April 1871.

DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population 5,612 persons, and in DUBLIN, during the Week ending Saturday, the 13th October, 1877.

No.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
	From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.	
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.			
aries, ON	-	20·9	3·3	2327	718	555	18	58	105	18	59	74	119	102	179	433
	-	19·5	2·9	1321	315	296	14	33	50	11	10	29	48	51	93	264
	-	18·4	1·5	36	3	15	1	-	-	-	-	-	2	1	-	12
	-	15·2	1·2	37	9	8	-	-	-	-	-	1	2	-	4	3
	-	16·8	1·2	27	7	10	-	-	1	-	-	1	-	-	-	7
	-	13·6	2·2	19	6	5	-	-	-	-	-	-	3	-	2	1
	-	22·1	3·1	86	18	21	-	6	1	-	-	3	2	3	3	12
ON	-	26·3	10·0	37	14	10	-	-	11	-	1	-	2	-	-	6
	-	23·1	5·9	167	44	29	-	5	10	2	9	5	12	4	11	20
	-	22·7	1·3	51	14	9	-	-	-	1	-	1	1	4	7	5
	-	23·6	2·8	43	14	7	-	-	-	-	-	3	2	3	5	5
	-	26·5	5·1	268	77	28	2	5	5	1	19	11	8	12	13	31
	-	26·3	5·5	181	40	26	-	2	11	2	6	5	12	4	14	20
	-	29·9	7·0	81	21	11	-	-	5	-	2	6	6	2	3	4
	-	19·8	2·9	34	11	9	-	1	-	-	3	-	1	1	1	2
	-	18·9	2·6	65	15	12	-	-	3	1	2	1	2	1	3	6
	-	19·1	2·8	109	37	16	-	3	1	-	4	4	4	5	7	7
	-	18·9	1·9	102	23	19	1	3	3	-	1	1	1	4	4	11
	-	23·9	2·2	64	21	10	-	-	-	-	-	2	4	-	2	8
	-	18·0	1·4	38	7	9	-	-	2	-	1	-	-	1	1	3
TYNE	-	22·4	4·0	61	22	5	-	-	2	-	1	1	7	6	6	6
	-	22·6	4·6	136	25	24	-	12	3	1	3	5	4	8	7	29

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the FORTY-FIRST Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2028	2325	2053	2116	2254	2135	2154	2383	2325	2358	2213·1	2392
Males . .	1023	1198	1009	1102	1097	1096	1083	1214	1217	1220	1125·9	1188
Females . .	1005	1127	1044	1014	1157	1039	1071	1169	1108	1138	1087·2	1204
TOTAL Deaths	1233	1438	1305	1416	1275	1218	1247	1344	1442	1257	1317·5	1321
Males . .	639	701	676	735	618	574	638	673	791	657	670·2	638
Females . .	594	737	629	681	657	644	609	671	651	600	647·3	683

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867–76, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	July 21.	July 28.	Aug. 4.	Aug. 11.	Aug. 18.	Aug. 25.	Sept. 1.	Sept. 8.	Sept. 15.	Sept. 22.	Sept. 29.	Oct. 6.	Oct. 13.
TOTAL Deaths	1438	1430	1439	1293	1309	1261	1238	1180	1261	1179	1237	1308	1321
0–20	788	789	778	725	739	694	657	579	631	528	588	600	602
20–40	174	190	189	161	152	177	198	181	196	194	179	207	183
40–60	225	206	224	192	207	186	177	208	195	215	209	216	240
60–80	202	206	222	176	191	175	174	178	196	196	221	227	250
at 80 years & upwds.	49	39	26	39	20	29	32	34	43	46	40	53	45
Deaths of children { Under 1 year	498	464	461	439	440	432	404	349	329	272	314	299	315
{ 1–5	192	199	239	209	211	166	176	158	214	170	167	196	193
{ 5–20	93	126	78	77	88	96	77	72	88	86	107	105	94
Deaths from 7 principal Zymotic Diseases	332	338	315	300	346	260	259	182	226	190	174	153	195
„ „ Small-pox	35	27	22	20	21	11	20	8	10	10	13	14	14
„ „ Measles	42	51	51	43	49	29	17	23	23	22	16	23	33
„ „ Scarlet fever	19	25	15	21	24	24	26	17	38	30	49	38	50
„ „ Diphtheria	6	4	8	6	12	2	5	7	7	8	4	2	11
„ „ Whooping-cough	36	23	21	29	18	17	19	19	32	18	18	21	10
„ „ Typhus fever	2	2	2	2	1	1	5	2	3	2	2	3	3
„ „ Enteric (or Typhoid) fever	15	15	13	10	20	14	12	17	23	24	17	15	21
„ „ Simple Contag fever	4	7	7	3	7	4	1	2	4	5	3	1	5
„ „ Diarrhoea	173	184	176	166	194	158	154	87	86	71	52	36	48
„ „ Simple Cholera	9	9	8	5	3	7	7	6	1	2	2	1	1
„ „ Dis. of Respiratory Organs	181	169	144	117	125	124	108	111	152	159	174	257	259
„ „ Phthisis	149	153	166	129	141	151	148	154	146	158	148	163	149
„ „ Heart Diseases	76	84	81	66	66	61	71	69	82	67	71	84	69
Violent Deaths	42	44	49	38	44	58	48	48	39	40	52	47	51
Inquest Cases	75	89	99	66	75	89	79	92	74	74	81	83	93
Deaths in Public Institutions	265	245	239	220	221	218	227	217	245	235	241	266	264
TEMPERATURE OF THE AIR:													
Mean	59·1	60·8	63·3	62·5	63·7	62·0	59·5	53·5	58·9	51·1	48·5	48·5	48·1
Mean of Highest readings	69·0	71·3	76·5	73·5	76·3	73·0	69·6	65·2	67·0	59·8	60·5	62·2	56·2
Mean of Lowest readings	53·0	53·4	53·8	54·6	55·0	53·6	53·1	44·3	53·3	44·6	40·1	36·1	40·9
Mean Temperature of the Water of the Thames	64·3	64·2	66·2	65·8	66·3	66·7	64·3	61·3	59·5	58·7	55·3	54·4	52·7
Humidity of the Air	76	80	69	72	74	70	76	72	78	81	86	79	77
Rain-fall in inches	0·84	0·60	0·09	0·71	0·01	1·67	0·42	0·78	0·16	0·16	0·03	0·00	0·33
Registered Sunshine (in hours)	37·8	21·7	46·6	34·6	39·1	41·5	37·8	37·7	11·2	20·8	19·7	33·3	18·0

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. Melandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Pilliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-FIRST Week of the Year 1877.

Average in the Forty-first Weeks of the 10 years 1867-76.*	In the Week ending Saturday, October 13, 1877.								Average in the Forty-first Weeks of the 10 years 1867-76.*	In the Week ending Saturday, October 13, 1877.							
	Deaths of Persons of the Ages									Deaths of Persons of the Ages							
	ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0-1.	1-5.							5-20.	Mean Tem.	0-1.					1-5.	5-20.
50°1	48°1	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	50°1	48°1	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
1817·5	1821	315	193	94	183	240	250	46									
1813·6	1819	314	192	94	183	240	250	46									
12·5	14	1	-	5	6	2	-	-									
21·6	33	8	23	1	1	-	-	-									
98·8	50	5	29	16	-	-	-	-									
8·7	11	1	6	3	-	1	-	-									
1·1	-	-	-	-	-	-	-	-									
11·7	11	2	7	2	-	-	-	-									
27·7	10	4	4	2	-	-	-	-									
39·9	3	-	-	-	1	2	-	-									
	21	-	2	11	6	2	-	-									
	5	-	2	1	1	1	-	-									
8·5	6	2	-	-	1	2	1	-									
6·3	2	-	-	-	1	1	-	-									
4	1	-	-	-	-	-	-	-									
1·9	1	-	-	-	1	-	-	1									
50·4	48	26	9	-	-	5	6	2									
1·4	1	-	1	-	-	-	-	-									
2	-	-	-	-	-	-	-	-									
8·5	8	-	-	1	5	2	-	-									
2	-	-	-	-	-	-	-	-									
8·5	7	7	-	-	-	-	-	-									
1·7	1	-	-	-	-	-	1	-									
1	-	-	-	-	-	-	-	-									
·3	-	-	-	-	-	-	-	-									
9·9	10	10	-	-	-	-	-	-									
1·8	2	1	1	-	-	-	-	-									
1·1	2	-	-	-	1	-	1	-									
1·2	3	-	-	-	1	-	2	-									
3·7	8	7	-	-	-	-	1	-									
·3	-	-	-	-	-	-	-	-									
1·9	2	-	-	-	-	1	1	-									
10·0	4	1	-	-	1	1	1	-									
32·5	46	1	-	1	3	17	22	2									
2	-	-	-	-	-	-	-	-									
3·4	5	-	-	1	1	1	1	1									
9·6	13	6	2	4	1	-	-	-									
29·3	20	15	5	-	-	-	-	-									
154·5	149	1	4	16	75	49	4	-									
21·9	18	9	7	2	-	-	-	-									
13·9	18	7	8	1	2	-	-	-									
32·6	39	1	-	1	2	12	22	1									
24·3	28	-	-	-	2	9	13	4									
2·0	5	-	-	-	-	3	-	2									
·3	-	-	-	-	-	-	-	-									
6·6	7	-	-	-	5	2	-	-									
45·5	32	23	9	-	-	-	-	-									
12·6	17	-	-	2	3	3	9	-									
2·0	1	-	-	-	-	1	-	-									
4·2	3	-	-	-	2	1	-	-									
67·0	85	-	-	5	12	26	38	4									
6·5	5	2	2	-	-	1	-	-									
107·3	159	41	24	-	4	20	61	9									
3·7	4	-	-	-	1	1	2	-									
65·5	71	14	23	6	5	16	6	1									
7·7	8	-	-	-	-	4	4	-									
13·7	12	4	1	1	1	2	3	-									
2·5	1	1	-	-	-	-	-	-									
6·8	4	2	1	-	1	-	-	-									
5·8	6	-	-	-	4	-	2	-									
2·5	2	-	-	-	-	1	1	-									
2·7	4	-	-	2	-	2	-	-									
2·6	3	1	-	-	-	1	1	-									
2·6	5	1	-	-	2	1	1	-									
1·3	1	1	-	-	-	-	-	-									
CAUSES OF DEATH.									CAUSES OF DEATH.								
Mean Temperature -									Mean Temperature -								
9. Stricture of Intestines									·4								
10. Fistula									·5								
11. Stomach Disease, &c.									7·9								
12. Pancreas Disease, &c.									·1								
13. Hepatitis									4·2								
14. Jaundice									4·4								
15. Liver Disease, &c.									19·2								
16. Spleen Disease, &c.									·3								
ORDER 5.									ORDER 5.								
1. Nephritis									4·1								
2. Ischuria									·1								
3. Bright's Dis. (Nephria)									11·8								
4. Diabetes									2·2								
5. Calculus (Stone)									·9								
6. Cystitis									1·6								
7. Kidney Disease, &c.									8·0								
ORDER 6.									ORDER 6.								
1. Ovarian Dropsy									·2								
2. Uterus Disease, &c.									3·4								
ORDER 7.									ORDER 7.								
1. Synovitis (Arthritis)									·7								
2. Joint Disease, &c.									4·7								
ORDER 8.									ORDER 8.								
1. Phlegmon									2·6								
2. Ulcer									1·6								
3. Skin Disease, &c.									1·6								
IV. DEVELOPMENTAL DISEASES.									IV. DEVELOPMENTAL DISEASES.								
ORDER 1.									ORDER 1.								
1. Premature Birth									23·7								
2. Cyanosis									3·1								
3. Spina Bifida									·7								
4. Other Malformations									1·2								
5. Teething									10·6								
ORDER 2.									ORDER 2.								
1. Paramenia									-								
2. Childbirth (see Puer- peral Fever)									8·0								
ORDER 3.									ORDER 3.								
1. Old Age									40·0								
ORDER 4.									ORDER 4.								
1. Atrophy and Debility									69·3								
V. VIOLENT DEATHS, &c.									V. VIOLENT DEATHS, &c.								
ORDER 1.									ORDER 1.								
(ACCIDENT OR NEGLIGENCE.)									(ACCIDENT OR NEGLIGENCE.)								
1. Fractures and Contusions									18·5								
2. Wounds { Gunshot Cut, Stab }									·3								
3. Burns and Scalds									3·1								
4. Poison									·4								
5. Drowning									6·2								
6. Suffocation									7·4								
7. Otherwise									2·7								
ORDER 3.									ORDER 3.								
(HOMICIDE.)									(HOMICIDE.)								
1. Murder & Manslaughter									1·9								
ORDER 4.									ORDER 4.								
SUICIDE.)									SUICIDE.)								
1. Wounds { Gunshot Cut, Stab }									1·6								
2. Poison									·9								
3. Drowning									1·1								
4. Hanging									2·0								
5. Otherwise									·4								
ORDER 5.									ORDER 5.								
(EXECUTION.)									(EXECUTION.)								
1. Hanging									·1								
Violent Deaths (not classed)									·8								
Sudden Deaths (Cause unascertained)									·4								
Causes not specified or ill-defined									3·5								

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, TYPHUS, ENTERIC (or TYPHOID) FEVER, SIMPLE CONTINUED FEVER, DIARRHOEA, and VIOLENCE, during the Week ending

REGISTRATION SUB-DISTRICTS.	Enume- rated Popu- lation, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Deaths of		Deaths from										
				Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhoea.	Violence.	Other.
LONDON	3,254,260	2392	1321	315	296	14	33	50	11	10	3	21	5	48	51	9
WEST DISTRICTS	561,359	324	204	38	53	2	7	8	1	-	-	3	1	8	6	1
NORTH DISTRICTS	751,729	578	293	70	63	6	7	14	2	2	-	5	2	9	9	13
CENTRAL DISTRICTS	334,369	175	115	28	17	-	4	8	1	1	-	3	-	3	6	9
EAST DISTRICTS	639,111	504	290	80	56	1	7	13	-	3	1	3	1	16	17	28
SOUTH DISTRICTS	967,692	811	419	99	107	5	8	7	7	4	2	7	1	12	13	25
WEST DISTRICTS.																
St. Mary Paddington WH - - -	58728	40	21	2	3	1	-	5	-	-	-	1	-	-	-	2
St. John Paddington H - - -	38085	8	9	1	2	-	-	-	-	-	-	1	-	-	-	1
Kensington Town W - - -	91645	59	24	4	6	-	1	1	-	-	-	-	-	-	-	-
Brompton H - - -	28654	15	19	1	2	-	1	-	-	-	-	1	-	-	1	2
St. Peter Hammersmith - - -	6662	10	5	1	3	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith H - -	36029	31	10	3	2	-	-	-	-	-	-	-	-	-	-	-
Fulham WvH - - -	23350	30	15	8	3	-	-	1	-	-	-	-	-	-	2	1
Chelsea South HHH - - -	26420	18	13	3	3	1	-	-	1	-	-	-	-	1	1	2
Chelsea North-west WHHHH -	22926	19	13	3	5	-	-	-	-	-	-	-	-	1	-	2
Chelsea North-east - - -	21392	12	8	1	3	-	-	1	-	-	-	-	-	-	-	-
Hanover Square H - - -	18698	5	2	1	1	-	-	-	-	-	-	-	-	-	-	-
May Fair Wv - - -	13358	2	8	1	5	-	-	-	-	-	-	-	-	-	-	-
Belgrave HH - - -	57972	23	20	1	6	-	-	-	-	-	-	-	-	-	2	1
St. John Westminster HH - -	38478	19	15	4	3	-	4	-	-	-	-	-	-	1	-	2
St. Margaret Westminster WH -	27781	10	10	2	2	-	-	-	-	-	-	-	-	1	-	-
Golden Square WH - - -	12860	6	7	1	3	-	1	-	-	-	-	-	-	-	-	-
Berwick-street H - - -	20759	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-
St. Anne Soho HHHHH - - -	17562	13	4	1	-	-	-	-	-	-	-	-	-	1	-	-
NORTH DISTRICTS.																
All Souls Marylebone HHHH -	28579	18	14	2	2	-	-	-	1	1	-	-	-	-	2	-
Cavendish Square HH - - -	15425	3	6	1	6	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone WH - - -	26384	12	14	2	4	-	1	-	-	-	-	-	-	1	-	-
St. Mary Marylebone HHH - -	21786	29	11	2	2	-	1	-	-	-	-	-	-	-	-	-
Christchurch Marylebone H -	33944	18	10	3	1	-	1	-	-	-	-	-	-	2	-	-
St. John Marylebone H - - -	33136	17	6	4	-	-	1	-	-	-	-	1	-	1	-	-
Hampstead WvHH - - -	32281	22	15	2	2	2	1	-	-	-	-	1	-	-	-	-
Regent's Park Pancras - - -	38200	19	12	1	6	-	-	-	-	-	-	-	-	1	1	1
Tottenham-court vHHH - - -	29370	13	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Gray's Inn Lane HHH - - -	29221	18	10	2	4	-	-	-	-	-	-	1	1	-	-	-
Somers Town - - -	38533	25	13	3	2	-	1	-	-	-	-	-	-	-	-	-
Camden Town W - - -	17943	8	8	2	2	-	-	1	-	-	-	-	-	-	-	-
Kentish Town v - - -	68198	54	27	8	5	-	1	-	1	-	-	-	-	1	-	-
Islington West HHH - - -	97320	91	46	16	4	-	-	11	-	-	-	1	1	1	2	4
Islington East Wvvh - - -	115958	115	44	14	12	-	-	1	-	-	-	-	-	2	-	-
Stoke Newington H - - -	9841	20	3	-	2	-	-	-	-	-	-	-	-	-	1	1
Stamford Hill - - -	6598	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-
West Hackney - - -	28069	21	7	2	1	-	-	-	-	-	-	-	-	-	-	-
Hackney WvvhL - - -	50104	43	27	4	7	4	-	1	-	1	-	1	-	-	-	-
South Hackney - - -	30339	27	11	2	4	-	-	-	-	-	-	-	-	-	2	-
CENTRAL DISTRICTS.																
St. George Bloomsbury - - -	17853	3	2	1	1	-	-	-	-	-	-	-	-	-	-	-
St. Giles South WH - - -	19109	11	9	4	1	-	-	-	-	-	-	-	-	-	1	-
St. Giles North - - -	16594	9	4	1	1	-	-	-	-	-	-	-	-	-	-	-
Long Acre - - -	11379	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Charing Cross HH - - -	9859	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand - - -	9378	2	2	-	-	-	-	-	-	-	-	1	-	-	-	-
St. Clement Danes H - - -	10723	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-
St. George-the-Martyr HHHHH -	20521	10	3	-	1	-	-	-	-	-	-	1	-	-	-	1
St. Andrew Eastern W - - -	13529	4	11	-	3	-	-	-	-	-	-	-	-	-	1	1
Saffron Hill H - - -	9066	3	4	-	1	-	-	1	-	-	-	-	-	-	1	1
St. James Clerkenwell W - -	18917	20	8	5	-	-	1	-	-	-	-	1	-	-	-	-
Amwell Clerkenwell - - -	16884	10	7	1	1	-	1	3	-	-	-	-	-	-	1	1
Pentonville - - -	13337	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Goswell-street - - -	16242	10	6	-	-	-	1	1	-	-	-	-	-	-	-	-
Old-street H - - -	12161	8	3	1	-	-	-	1	-	-	-	-	-	-	-	-
City-road HHL - - -	18301	24	5	1	-	-	-	1	-	-	-	-	-	-	-	-
Whitecross-street - - -	13792	9	6	2	2	-	-	-	-	-	-	-	-	-	-	-
Finsbury - - -	10741	-	3	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph East London H -	14540	10	3	-	-	-	1	-	-	-	-	-	-	-	-	-
Cripplegate - - -	13638	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre H - - -	7562	4	13	-	-	-	-	1	-	1	-	-	-	-	1	1
St. Bride W - - -	11185	6	7	3	-	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard - - -	4426	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - -	6270	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - -	4753	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - -	5764	2	2	-	2	-	-	-	-	-	-	-	-	-	-	-
Broad Street H - - -	7845	2	5	1	3	-	-	-	-	-	-	-	-	1	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see at the foot of next page.

RIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
October 1877.

DISTRICTS.	Enu- merated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
				Deaths of		Deaths from											
				Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhea.	Violence.	Inquest Cases.	Deaths in Public Institutions.
DISTRICTS.																	
HL†	12130	1	7	1	-	-	-	2	-	-	-	-	-	1	-	1	-
-	16545	13	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-
-	27835	20	14	5	5	-	-	1	-	-	1	-	-	-	-	-	3
-	26933	15	7	1	1	-	1	2	-	-	-	-	1	1	1	1	-
-	43421	42	23	11	3	-	-	2	-	2	-	-	1	1	1	3	4
WHL†	29822	19	11	3	-	-	-	1	-	-	-	-	-	-	2	2	-
-	42433	40	30	3	12	-	-	-	-	-	-	-	-	2	-	2	-
-	26577	21	5	3	1	-	-	-	-	-	-	-	-	2	-	1	14
-	21272	13	6	-	2	1	-	-	-	-	-	-	-	2	-	-	-
W	22499	17	4	1	-	-	-	1	-	-	-	-	-	1	-	-	-
-	15550	10	10	1	4	-	-	-	-	-	-	-	-	1	-	1	6
-	11597	10	3	1	1	-	-	-	-	-	-	-	-	1	-	-	-
H	7322	5	13	2	2	-	-	-	-	-	-	1	-	-	4	4	11
-	10381	5	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-
-	9224	8	5	2	-	-	-	-	-	-	-	-	-	-	2	2	-
East	17900	15	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
East	21350	15	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
East W	8802	4	8	-	3	-	-	-	-	-	-	-	-	-	-	-	6
-	11640	7	5	-	1	-	-	-	-	-	-	-	-	-	-	-	1
-	16131	9	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-
-	29919	18	17	7	1	-	3	1	-	-	-	-	-	1	-	1	-
Western	38128	32	13	3	1	-	1	-	-	-	-	-	-	3	1	1	-
Eastern WuuH	55024	62	25	9	5	-	-	-	-	-	-	1	-	1	-	2	-
-	67765	76	47	13	9	-	-	3	-	1	-	-	-	2	4	5	15
-	48611	37	14	2	2	-	2	-	-	-	-	1	-	-	2	2	-
DISTRICTS.																	
ark WH	14573	8	4	1	-	-	-	-	-	-	-	-	-	1	-	-	-
k H	15677	8	8	3	1	-	1	1	-	-	-	1	-	-	-	-	-
-	20421	8	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
-	16695	17	10	4	-	-	-	-	-	-	-	2	-	-	1	3	-
-	18961	12	4	2	1	-	-	-	-	-	-	-	-	-	-	1	-
-	23682	19	9	3	1	-	-	-	-	-	-	-	-	-	-	-	-
W	48248	58	28	11	3	-	1	-	-	-	-	-	1	2	-	-	1
-	16792	13	2	1	-	-	1	-	-	-	-	-	-	-	-	-	-
H	4873	1	13	-	2	-	-	-	-	-	-	-	-	-	1	-	9
W	10500	12	5	-	3	-	-	-	-	-	-	-	-	-	1	1	1
-	16787	15	7	3	-	-	-	-	-	1	-	-	-	1	-	1	-
V	15709	17	10	2	5	-	-	-	-	-	-	-	-	-	-	-	5
y	47933	45	21	7	6	-	-	-	1	1	-	-	-	1	1	1	-
-	27096	35	13	2	4	-	-	-	-	1	-	-	-	-	-	-	2
I	14074	11	7	3	3	-	-	-	-	-	-	-	-	1	-	-	-
H	18465	10	7	4	1	-	-	-	-	-	-	-	-	-	2	3	-
WW	19492	12	16	2	2	-	-	1	1	-	-	-	-	1	1	1	7
-	35853	20	29	6	7	-	-	-	-	-	-	-	-	1	-	2	14
-	41286	24	20	5	9	-	-	2	2	-	-	-	-	-	-	-	-
-	31221	22	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-
-	35435	37	26	5	5	5	2	-	-	-	-	3	-	1	-	1	9
-	12536	13	3	2	1	-	-	-	1	-	-	-	-	-	-	-	-
-	27347	16	9	4	2	-	-	-	-	-	-	-	-	-	-	-	-
-	54016	57	42	11	9	-	2	1	-	-	1	-	-	3	2	3	6
-	19783	14	5	-	2	-	-	-	-	-	-	-	-	-	-	-	4
-	9439	5	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-
-	14175	12	4	-	-	-	-	-	-	-	-	-	-	-	-	1	-
-	4041	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	31254	22	18	3	4	-	1	-	1	1	-	-	-	-	-	1	5
-	42160	49	17	3	8	-	-	-	-	-	-	-	-	-	1	1	1
-	33851	39	12	3	2	-	-	1	-	-	-	1	-	1	-	1	-
-	53714	58	17	4	4	-	-	-	-	-	-	-	-	-	-	1	-
-	6474	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	21034	16	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-
-	19378	8	11	-	4	-	-	-	-	-	-	-	-	-	-	-	8
-	4539	3	2	-	1	-	-	1	-	-	-	-	-	-	-	-	-
-	16440	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
H	11513	4	4	1	2	-	-	-	-	-	-	-	-	-	1	1	-
-	19065	18	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
-	9564	4	4	-	-	-	-	-	1	-	1	-	-	-	-	-	3
-	17226	16	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-
HH	18331	13	6	1	3	-	-	-	-	-	-	-	-	-	2	2	-
-	13027	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
-	15232	11	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-

House Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the

Asylum in Tottenham-court sub-district.

" Kentish Town sub-district.

House in Islington East sub-district.

House " Hackney sub-district.

" Hoxton New Town sub-district.

" " Mile End Old Town Eastern sub-dist.

of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston sub-

† Private Lunatic Asylums in which paupers are received.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and
Bow sub-district.
Stepney
Bow sub-district.

Poplar & Stepney Sick Asylum

Westminster Union Industrial School in Battersea sub-district.

Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-

ney, Brixton, and St. Paul Deptford sub-districts.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 13th October 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Ename- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												Violence.	Un- known Cases.	
						Deaths of		Deaths from												
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Un- known Cases.				
	LONDON—OUTER RING	368,414	631,381	503	247	49	65	2	3	15	1	2	3	4	13	19				
29 : 1	Carshalton <i>wL</i> - - -	12228	13523	10	3	-	-	-	-	-	-	-	-	-	-	-	-			
2	Epsom (<i>part of</i>) * <i>WH</i> -	9971	9145	6	3	-	-	-	-	-	-	-	-	-	-	-	-			
36 : 1	Godstone (<i>part of</i>) * - -	2754	900	-	1	-	1	-	-	-	-	-	-	-	-	-	-			
37 : 1	Croydon <i>WWH</i> - - -	20851	71319	53	31	4	10	-	-	2	-	-	-	-	-	-	-			
2	Mitcham <i>WH</i> - - -	11697	12534	6	7	-	2	-	-	-	-	-	-	1	-	-	1			
38 : 1	Wimbledon <i>HH</i> - - -	3220	9087	7	1	1	-	-	-	-	-	-	-	-	-	-	-			
2	Kingston <i>WH</i> - - -	8549	27489	17	11	2	4	-	-	-	-	1	1	1	-	-	-			
3	Esher (<i>part of</i>) * - - -	6601	7353	4	1	-	1	-	-	-	-	-	-	-	-	-	-			
4	Hampton - - -	4573	10185	7	5	-	-	-	1	1	-	-	-	1	1	1	1			
39 : 1	Richmond <i>WH</i> - - -	2271	16829	5	8	2	2	-	-	-	-	-	-	-	-	-	-			
2	Mortlake - - -	2961	9316	7	2	1	-	-	-	-	-	-	-	-	-	-	-			
40 : 1	Bromley (<i>part of</i>) * <i>HH</i> -	15669	19509	23	7	3	-	-	-	-	-	-	-	-	-	-	-			
2	Chislehurst (<i>part of</i>) * <i>W</i> -	13665	10028	6	9	-	3	-	-	1	-	1	-	-	-	-	1			
41 : 1	Bexley <i>H</i> - - -	18439	19566	15	7	2	1	-	-	3	-	-	-	-	-	-	1			
123 : 1	Sunbury <i>W</i> - - -	11055	9860	3	1	1	-	-	-	-	-	-	-	-	-	-	-			
2	Staines <i>W</i> - - -	13277	10339	14	8	-	5	-	-	-	-	-	-	-	-	-	-			
124 : 1	Hillingdon <i>WH</i> - - -	6029	9712	10	3	-	2	-	1	-	-	-	-	-	-	-	-			
2	Uxbridge - - -	6178	5329	6	-	-	-	-	-	-	-	-	-	-	-	-	-			
3	Hayes <i>WL</i> - - -	14587	10497	3	3	-	-	-	-	-	-	-	-	-	-	-	-			
125 : 1	Isleworth <i>W</i> - - -	7008	19930	5	8	1	4	-	-	-	-	-	-	-	-	2	2			
2	Twickenham - - -	2477	10533	9	-	-	-	-	-	-	-	-	-	-	-	-	-			
3	Brentford <i>HL</i> - - -	4370	20279	15	8	3	1	-	-	-	-	-	-	-	-	-	-			
4	Chiswick - - -	1311	8508	9	4	1	2	-	-	-	-	-	-	-	-	-	-			
5	Acton <i>WH</i> - - -	6087	12683	11	8	-	5	-	-	-	-	-	-	-	1	2	-			
126 : 1	Harrow <i>H</i> - - -	13809	10869	8	2	-	1	-	-	-	-	-	-	-	-	-	1			
2	Edgware - - -	6994	3450	2	-	-	-	-	-	-	-	-	-	-	-	-	-			
3	Willesden - - -	4383	15869	6	4	2	1	-	-	1	-	-	-	-	1	2	-			
4	Hendon <i>WH</i> - - -	8382	6972	2	2	-	1	-	-	-	1	-	-	-	-	-	-			
127 : 1	South Mimms - - -	15419	5924	4	2	-	-	-	-	-	-	-	-	-	-	-	-			
2	Barnet <i>W</i> - - -	5423	7752	3	3	1	1	-	-	-	-	-	-	-	-	1	1			
3	Finchley <i>L</i> - - -	4688	11493	10	7	-	3	-	-	-	-	-	-	-	-	-	-			
128 : 1	Hornsey <i>H</i> - - -	3039	19357	28	8	1	4	-	-	-	-	-	-	-	-	-	-			
2	Tottenham <i>H</i> - - -	4642	22869	26	17	6	1	-	-	-	-	-	-	1	1	-	-			
3	Edmonton <i>WW</i> - - -	7483	13860	8	6	1	2	-	1	2	-	-	-	-	-	-	-			
4	Enfield <i>WH</i> - - -	12653	16054	17	4	2	1	-	-	-	-	-	-	-	-	-	-			
5	Waltham Abbey - - -	11017	5197	5	2	2	-	-	-	-	-	-	-	-	-	-	-			
6	Cheshunt - - -	8493	7518	3	4	-	2	-	-	-	-	-	1	-	1	1	-			
134 : 1	Hatfield (<i>part of</i>) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
136 : 1	Bushey - - -	9028	6472	7	-	-	-	-	-	-	-	-	-	-	-	-	-			
185 : 1	Stratford - - -	882	23286	28	12	2	1	-	-	-	-	-	-	-	-	2	2			
2	West Ham <i>WWWW</i> - - -	7345	44642	52	23	8	-	2	-	5	-	-	-	-	-	3	4			
3	Leyton <i>WW</i> - - -	4274	15513	17	3	1	-	-	-	-	-	-	-	-	-	-	-			
4	Walthamstow <i>H</i> - - -	6619	15701	15	4	2	2	-	-	-	-	-	-	-	-	-	-			
186 : 1	Chigwell (<i>part of</i>) * <i>H</i> -	10483	8169	3	1	-	1	-	-	-	-	-	-	-	-	-	-			
188 : 1	Romford (<i>part of</i>) * - -	6730	2879	2	2	-	1	-	-	-	-	-	-	-	-	1	-			
2	Ilford - - -	8492	5947	3	-	-	-	-	-	-	-	-	-	-	-	-	-			
3	Barking Town - - -	4123	6576	3	2	-	-	-	-	-	-	-	-	-	-	-	-			

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 134); 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Tholthorpe (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 13th OCTOBER, 1877.
[Under the Superintendence of the Astronomer Royal.]

MOON.		BARO-METER.		READINGS OF THERMOMETERS.										DIFFERENCE				WIND.					RAIN.		
Phases of Moon.	Mean daily reading (corrected and reduced to 32° Fahr. height).	Dry				Dew Point.		Highest in the sun, as shown by a self-registering thermometer with bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between Dew Point Temperature and Air Temperature.		Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*		Degree of humidity, complete at Satur. being re- sented by 100.	As deduced from Anemometers.			Collected in a Gauge whose receiving surface is 5 in. above the ground.					
		High- est.	Low- est.	Range in day.	Mean daily value.	Mean daily value	Highest.	Lowest.	Mean daily value.	Great- est.	Least	General Direction.	P. M.	Great- est.	Least.		Mean of 24 Hrs.	Amount of Horizontal Movement of Air of each day.	Depart- ure from Average of 16 years.						
OCTOBER.		in.	°	°	°	°	°	°	°	°	°	°	°	°	°	°		lbs.	lbs.	lbs.	Miles.	Miles.	Inches		
SUN. 7	..	30.263	53.4	33.8	19.6	43.5	42.6	65.0	28.8	54.3	52.1	0.9	5.0	0.0	— 9.1	96	NW. & SW.	WSW. & NW. & NW.	0.8	0.0	0.0	173	— 59	0.00	
MON. 8	..	30.003	55.6	42.7	12.9	48.2	39.2	105.4	37.6	53.8	51.8	9.0	15.6	4.0	— 4.0	71	NNW. & N.	N.	11.1	0.0	1.2	466	+ 232	0.02	
TUES. 9	..	30.133	55.6	39.1	16.5	46.6	39.0	105.3	31.2	54.3	51.7	7.6	14.2	0.0	— 5.3	75	NNW. N. & NNE.	NNE.	2.4	0.0	0.3	274	+ 38	0.00	
WED. 10	..	29.885	53.2	35.4	17.8	45.7	40.2	78.5	29.2	53.8	51.3	5.5	9.8	0.3	— 5.9	81	SW.	SW.	2.0	0.0	0.1	240	— 1	0.00	
THURS 11	..	29.759	56.5	45.8	10.7	49.5	39.1	96.6	42.0	53.8	51.3	10.4	15.6	4.0	— 1.8	67	SW. & NW.	W. & WSW.	8.6	0.0	0.7	427	+ 177	0.21	
FRI. 12	Greatest Dec. S.	29.819	57.4	43.5	13.9	49.1	40.6	98.3	37.4	53.1	51.1	8.5	14.1	2.9	— 1.9	72	WSW. & W.	WNW. & SSW.	3.2	0.0	0.4	349	+ 91	0.00	
SAT. 13	..	29.699	61.4	45.9	15.5	54.4	48.2	104.3	43.0	53.3	51.3	6.2	9.9	4.4	+ 3.7	80	SW.	SW.	8.7	0.0	2.5	556	+ 292	0.10	
MEANS .	..	29.937	56.2	40.9	15.3	48.1	41.3	93.3	35.6	53.8	51.5	6.9	12.0	2.2	— 3.5	77	N. W. & SW.		..	..	..	Sum 2485	Sum + 770	0.33
No. of Col.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from these mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873.

*In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and - "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E. C.B. Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

DATE.		Electricity.		Registered Sunshine, in hours.		Sun above Horizon, in hours.		SKY AND ATMOSPHERE.	
OCTOBER.									
SUNDAY	7			0.0	11.2			Overcast. Foggy at times.	
MONDAY	8			2.2	11.1			Cloudy. Rain fell in the morning. Strong wind in afternoon.	
TUESDAY	9			4.1	11.0			A fine day; partially cloudy.	
WEDNESDAY	10	The electrical apparatus was out of action throughout the week.		0.0	11.0			Overcast.	
THURSDAY	11			6.2	10.9			Rain fell in the early morning hours; fine and partially cloudy throughout day.	
FRIDAY	12			5.1	10.9			Fine; partially cloudy. Solar halo in afternoon.	
SATURDAY	13			0.4	10.8			Rain fell in the early morning hours. Generally cloudy throughout.	
				Sum 14.0	Sum 70.3				

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS
OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, OCTOBER 20. [Price 1½d.

*General Register Office, Somerset House,
22nd October, 1877.*

UNITED KINGDOM.

During last week 5894 *births* and 3451 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2443. The mortality from all causes was at the average rate of 22 deaths annually in every 1000 persons living. The annual death-rate per 1000 in Edinburgh, 21 in Glasgow, and 30 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Portsmouth 15, Sunderland 16, Sheffield 18, Bradford 19, Hull 20, Newcastle 20, London 21, Birmingham 21, Norwich 22, Brighton 22, Leicester 23, Leeds 23, Oldham 23, Manchester 24, Salford 25, Nottingham 25, Plymouth 26, Liverpool 27, Manchester and Wolverhampton 36. The annual death-rate from the seven principal zymotic diseases averaged 3·5 per 1000 in the twenty towns, and ranged from 1·5 and 2 in Newcastle-on-Tyne and Portsmouth, to 6·5 and 10·0 in Manchester and Wolverhampton. Scarlet fever showed fatal prevalence both in Manchester and Wolverhampton. Measles caused 2 more deaths in the Manchester Workhouse at Salford. The fatal cases of small-pox in the twenty towns were 10, of which 8 occurred in London, one in Liverpool, and one in Brighton.

LONDON.

IN LONDON 2527 BIRTHS and 1403 DEATHS were registered. Allowing for the increase of population, the births exceeded by 103, whereas the deaths were 48 below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the four previous weeks had steadily increased from 17·4 to 19·5 per 1000, further rose last week to 20·7. The 1403 deaths included 8 from small-pox, 36 from measles, 68 from scarlet fever, 9 from diphtheria, 21 from whooping-cough, 47 from different forms of typhus, and 25 from diarrhoea; thus to the seven principal diseases of the zymotic class 144 deaths were referred, against 153 and 195 in the two preceding weeks. The 214 deaths were 45 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 3·2 per 1000. The 36 fatal cases of measles showed a further slight increase upon the numbers in recent weeks, and included 4 in Islington and 5 in Old Town. The deaths from scarlet fever, which had been 38 and 50 in the two previous weeks, further rose to 68 last week, of which 29 occurred in the central group of districts, including no less than 19 in Islington; 5 were also recorded in Paddington, 5 in Clerkenwell, 4 in Hoxton, and 4 in Bethnal Green. The Metropolitan Asylum Hospitals and the London Fever Hospital contained 139 fever patients on Saturday last, against 123 at the end of the previous week. The 9 deaths from diphtheria, 3 occurred in Lambeth. The 21 fatal cases of whooping-cough, of which 11 were registered in South London, exceeded the number in the previous week by 11. The deaths referred to fever, which had been 29 in the two preceding weeks, further rose to 47 last week, a number which had not returned in any week since October 1873, and 10 above the corresponding weekly average; 5 were fatal cases of typhus, 36 of enteric fever, and 6 of continued fever. The 5 deaths from typhus occurred in St. Mary's Hospital, and from Silvester Mews, Kensington; at 9, Albert Place, Hammersmith; at 10, Ed's Place, Hackney; at 48, Farringdon Buildings, Clerkenwell; and at 20, St. George's Street, Southwark. The 36 deaths from enteric fever included 4 in Islington, 4 in Hackney, 2 in St. Giles's, 2 in Mile End Old Town, 2 in Bow and Finsbury, 13 in Lambeth, and 2 in Battersea. The fever patients in the Metropolitan Asylum Hospitals and the London Fever Hospital rose last week from 92 to 114. The deaths from small-pox, which had been 14 in each of the two preceding weeks, declined to 8 last week, all of which were recorded in the Metropolitan Asylum Hospitals.

Asylum Hospitals; one was of a patient admitted from Ealing, while of the seven other deceased patients, 2 had resided in Lambeth, 2 in Poplar, one in Bethnal Green, one in Kensington, and one in Battersea. Four of the fatal cases were certified as unvaccinated, and the other 4, all adult cases, as vaccinated.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which had been 137 and 144 at the end of the two preceding weeks, further rose to 153 last week; the new cases admitted during the week were 42, against 28 and 44 in the two previous weeks. The Highgate Small-pox Hospital contained 19 patients on Saturday last; at the end of the two previous weeks the numbers were 18 and 14, respectively.

The deaths referred to diseases of the respiratory organs, which had steadily increased during the seven preceding weeks from 108 to 259, further rose to 297 last week, and exceeded the corrected weekly average by 45; 178 resulted from bronchitis, and 89 from pneumonia.

Different forms of violence caused 47 deaths; 39 were the result of negligence or accident, including 20 from fractures and contusions, 3 from burns and scalds, 4 from drowning, and 9 of infants under one year of age from suffocation. The 20 deaths from fractures and contusions were thus caused:—male aged 27, thrown from phaeton; male 52, run over by a van; male 16, run over (nature of vehicle not stated); male 35, by fall of switch apparatus on a railway; males 7, 55 (intoxicated), and 78, fell down stairs; females 1, 7, and 78, fell from window; male 25, fell from scaffold; male 21, fell from ladder; male 60, fell from house; male 24, fell over balustrade of staircase; male 50, fell from ship's rigging; male 13, fell while sliding down a rope; male 65, by fall of a brush upon him; male 34, by fall of a stack of deals upon him; male 20, fractured skull by blow or fall; male, newly born, by fracture of skull. An inquest was held in each of these 20 cases.

The death of a leather-dresser on 13th instant, in Guy's Hospital, was referred to hydrophobia. This is the thirteenth fatal case of hydrophobia which has been registered in London since the beginning of this year, whereas only six were recorded during the year 1876, and the corrected average annual number during the ten years 1866–75 was less than four.

In the large Public Institutions 236 deaths were recorded, or 17 per cent. of the total deaths; of these, 126 occurred in Workhouse Establishments, 103 in Hospitals, and 7 in Lunatic Asylums.

GREATER LONDON.

In Greater London 3052 births and 1642 deaths were registered, equal to annual rates of 36·5 and 19·6 per 1000 of the population. In the Outer Ring, 2 fatal cases of small-pox were recorded in West Ham; the deaths from scarlet fever in the Outer Ring, which had been 7 and 15 in the two previous weeks, further rose to 17 last week, including 3 in Willesden sub-district.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 31, Bombay 55, Madras 117; Paris 23; Geneva 24; Brussels 22; Amsterdam 21, Rotterdam 22, The Hague 19; Copenhagen 19, Stockholm 26; Christiania 20; St. Petersburg 29; Berlin 27, Hamburg 26, Dresden 22, Breslau 27, Munich 28; Vienna 22; Buda-Pesth 36, Rome 20, Naples 22, Turin 22, Venice 27; Alexandria 51; New York 24, Brooklyn 20, Philadelphia 16, and Boston 22. Cholera caused 27 deaths in Calcutta, 33 in Bombay, and 77 in Madras.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·95 in.; the lowest reading was 29·32 in. on Monday morning, and the highest 30·22 in. on Wednesday evening. The mean temperature of the *air* was 46°·7, and 3°·1 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed an excess on Sunday and Saturday, whereas it was below the average on each of the other days of the week; on Sunday 14th, the mean was 60°·8, and 10°·4 above the average, while it fell to 38°·0 on Thursday, and showed a deficiency of 11°·7. The lowest night temperature was 28°·2 on Thursday, and the highest day temperature in the shade 68°·8 on Sunday; the extreme range in the week was, therefore, 40°·6. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 111°·7 on Sunday. The difference between the mean *dew-point* and *air* temperature averaged 8°·9. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 51°·5. The mean degree of *humidity* of the air was 72, complete saturation being represented by 100. The general direction of the *wind* was South-west, and the horizontal movement of the air averaged 13·7 miles per hour, which was 2·1 above the average in the corresponding week of 16 years. *Rain* fell on two days of the week to the aggregate amount of 0·13 of an inch. The duration of registered sunshine was 35·0 hours, the sun being above the horizon during 73·7 hours; the recorded duration of sunshine was, therefore, equal to 47 per cent. of its possible duration.

BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 20th October 1877.

Towns.	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 20th October 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.		In Inches.	In Centimetres.
London	212,881	8,144,940	38·3	5894	3451	69·0	26·0	46·8	8·23	0·57	1·45
Birmingham	75,362	3,533,484	46·9	2527	1403	68·8	28·2	46·7	8·17	0·13	0·33
Manchester	2,354	102,264	43·4	42	44	61·8	32·9	47·1	8·39	0·22	0·56
Leeds	4,486	127,144	28·3	89	37	61·0	35·0	48·8	9·34	0·13	0·38
Sheffield	7,472	84,023	11·2	54	36	66·0	29·5	46·7	8·17	0·00	0·00
Nottingham	1,395	72,911	52·3	43	36	65·2	31·5	48·9	9·39	0·14	0·36
Cardiff	4,452	202,950	45·6	136	95	68·1	26·0	46·2	7·89	0·84	2·13
Edinburgh	3,396	73,339	21·6	71	51	65·7	27·0	43·5	6·39	0·55	1·40
Glasgow	8,400	377,436	44·9	301	152	-	-	-	-	-	-
Liverpool	3,200	117,461	36·7	91	51	68·5	31·8	46·4	8·00	0·16	0·41
Belfast	1,996	95,025	47·6	78	46	69·0	29·0	47·3	8·50	0·23	0·58
Southampton	5,210	527,083	101·2	366	273	68·8	38·4	47·1	8·39	1·04	2·64
Reading	4,293	359,213	83·7	244	197	-	-	-	-	-	-
Exeter	5,170	141,184	27·3	120	67	68·5	30·4	46·3	7·95	1·31	3·33
Gloucester	4,666	89,796	19·2	66	40	-	-	-	-	-	-
Leicester	7,220	179,315	24·8	147	67	62·0	31·0	45·3	7·39	0·88	2·24
Coventry	21,572	298,189	13·8	269	130	67·0	30·0	46·9	8·28	0·82	2·08
Derby	19,651	282,130	14·4	226	96	64·0	32·7	48·5	9·17	0·44	1·12
Sheff. & Hallam	3,635	140,002	38·5	115	53	65·0	27·0	45·3	7·39	0·49	1·24
South Wales	3,306	110,382	33·4	107	33	62·0	34·0	47·6	8·37	0·63	1·60
Dublin	5,371	142,231	26·5	94	55	-	-	-	-	-	-
London & W.	4,191	218,729	52·2	141	90	62·3	29·4	44·4	6·89	0·61	1·55
London & E.	6,033	555,933	92·1	410	219	61·7	-	-	-	1·41	3·58
London & S.	10,050	314,666	31·3	167	180	68·6	29·0	49·2	9·55	0·86	2·18

The Meteorological Observers in the several towns, see note at foot of Table 4.
 * The English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by six years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The Dublin is taken as stationary at the number enumerated in April 1871.

DEATHS and RATE of MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 1,612 persons, and in DUBLIN, during the Week ending Saturday the 20th October 1877.

Towns.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from									Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhea.	Violence.	Inquest Cases.	
London	21·9	3·5	2962	737	595	10	78	146	14	58	88	80	98	174	411
Birmingham	20·7	3·2	1403	307	320	8	36	68	9	21	47	25	47	91	236
Manchester	22·5	3·6	44	12	10	1	-	1	-	3	-	2	1	1	7
Leeds	15·2	1·6	37	4	10	-	1	-	-	-	3	-	-	1	5
Sheffield	22·4	2·5	36	10	13	-	-	3	-	-	-	1	2	7	5
Nottingham	25·8	2·9	36	10	11	-	-	1	1	1	1	-	-	-	3
Cardiff	21·4	5·1	95	21	25	-	11	3	-	3	2	1	5	6	14
Edinburgh	36·3	10·0	51	16	13	-	-	11	-	2	-	1	-	-	9
Glasgow	21·0	4·2	152	50	25	-	7	10	1	3	4	5	4	7	14
Liverpool	22·7	3·1	51	14	5	-	-	-	-	2	3	2	-	2	3
Belfast	25·3	1·7	46	12	12	-	1	-	-	-	2	-	2	2	5
Southampton	27·0	4·7	273	82	42	1	11	6	1	8	7	13	9	10	39
Reading	28·6	6·5	197	50	23	-	5	24	-	3	7	6	9	20	25
Exeter	24·8	3·3	67	20	8	-	-	3	-	-	1	5	1	3	1
Gloucester	23·2	4·1	40	13	5	-	-	2	1	2	1	1	2	2	2
Leicester	19·5	2·3	67	12	11	-	1	4	-	2	-	1	1	4	6
Sheff. & Hallam	22·8	3·5	130	43	23	-	2	2	1	2	4	9	4	6	14
South Wales	17·8	2·6	96	23	16	-	3	6	-	2	-	3	3	4	8
Dublin	19·8	2·6	53	16	6	-	-	-	-	2	2	3	2	2	7
London & W.	15·6	2·8	33	7	7	-	-	2	-	1	3	-	2	2	4
London & E.	20·2	1·5	55	15	10	-	-	-	-	1	1	2	4	4	4
London & S.	29·8	4·6	180	34	83	-	13	6	1	1	5	2	3	3	52

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the FORTY-SECOND Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2171	2187	2095	2072	2068	2210	2434	2556	2222	2641	2265·6	2527
Males . .	1082	1124	1061	1027	1057	1146	1274	1318	1132	1363	1158·4	1258
Females .	1089	1063	1034	1045	1011	1064	1160	1238	1090	1278	1107·2	1269
TOTAL Deaths	1332	1395	1476	1334	1291	1369	1233	1293	1563	1224	1356·0	1403
Males . .	710	691	768	707	672	709	645	684	804	634	702·4	741
Females .	622	704	708	627	619	660	638	609	759	590	653·6	662

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867–76 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	July 28.	Aug. 4.	Aug. 11.	Aug. 18.	Aug. 25.	Sept. 1.	Sept. 8.	Sept. 15.	Sept. 22.	Sept. 29.	Oct. 6.	Oct. 13.	Oct. 20.
TOTAL Deaths - - -	1430	1439	1293	1309	1261	1238	1180	1261	1179	1237	1308	1321	1403
0–20 - - -	789	778	725	738	694	657	579	631	528	588	600	602	665
20–40 - - -	190	189	161	152	177	198	181	196	194	179	207	183	188
40–60 - - -	206	224	192	208	186	177	208	195	215	209	216	240	230
60–80 - - -	206	222	176	191	175	174	178	196	196	221	227	250	274
at 80 years & upwds.	39	26	39	20	29	32	34	43	46	40	58	46	46
Deaths of { Under 1 year -	464	461	439	440	432	404	349	329	272	314	299	315	307
children { 1–5 - - -	199	239	209	210	166	176	158	214	170	167	196	193	236
{ 5–20 - - -	126	78	77	88	96	77	72	88	86	107	105	94	122
Deaths from 7 principal Zymotic Diseases	338	315	300	346	260	259	182	226	190	174	153	195	214
„ „ Smallpox - - -	27	22	20	21	11	20	8	10	10	13	14	14	8
„ „ Measles - - -	51	51	43	49	29	17	23	23	22	16	23	33	36
„ „ Scarlet Fever - -	25	15	21	24	24	26	17	38	30	49	38	50	68
„ „ Diphtheria - - -	4	8	6	12	2	5	7	7	8	4	2	11	9
„ „ Whooping-cough -	23	21	29	18	17	19	19	32	18	18	21	10	21
„ „ Typhus fever - - -	2	2	2	1	1	5	2	3	2	2	3	3	5
„ „ Enteric (or Typhoid) fever -	15	13	10	20	14	12	17	23	24	17	15	21	36
„ „ Simple Cont ^d fever -	7	7	3	7	4	1	2	4	5	3	1	5	6
„ „ Diarrhoea - - -	184	176	166	194	158	154	87	86	71	52	36	48	25
„ „ Simple Cholera - -	9	8	5	3	7	7	6	1	2	2	1	1	-
„ „ Dis. of Respiratory Organs -	169	144	117	125	124	108	111	152	159	174	257	259	297
„ „ Phthisis - - -	153	166	129	141	151	148	154	146	158	148	163	149	151
„ „ Heart Diseases - -	84	81	66	66	61	71	69	82	67	71	84	89	79
Violent Deaths - - -	44	49	38	44	58	48	48	39	40	52	47	51	47
Inquest Cases - - -	89	99	66	75	89	79	92	74	74	81	83	93	91
Deaths in Public Institutions	245	239	220	221	218	227	217	245	235	241	266	264	236
TEMPERATURE OF THE AIR:													
Mean - - - - -	60·8	63·3	62·5	63·7	62·0	59·5	53·5	58·9	51·1	48·5	48·5	48·1	46·7
Mean of Highest readings -	71·3	76·5	73·5	76·3	73·0	69·6	65·2	67·0	59·8	60·5	62·2	56·2	57·9
Mean of Lowest readings -	53·4	53·8	54·6	55·0	53·6	53·1	44·3	53·3	44·6	40·1	36·1	40·9	37·5
Mean Temperature of the Water of the Thames -	64·2	66·2	65·8	66·3	66·7	64·3	61·3	59·5	58·7	55·3	54·4	52·7	51·5
Humidity of the Air - - -	80	69	72	74	70	76	72	78	81	86	79	77	72
Rain-fall in inches - - -	0·60	0·09	0·71	0·01	1·67	0·42	0·78	0·16	0·16	0·03	0·00	0·33	0·13
Registered Sunshine (in hours)	21·7	46·6	34·6	39·1	41·5	37·8	37·7	11·2	20·8	19·7	33·3	18·0	35·0

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

NDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-SECOND Week of the Year 1877.

Average in the Forty-second Weeks of the 10 years 1867-76.*	In the Week ending Saturday, October 20, 1877.									Average in the Forty-second Weeks of the 10 years 1867-76.*	In the Week ending Saturday, October 20, 1877.								
	Deaths of Persons of the Ages										Deaths of Persons of the Ages								
	ALL AGES.	Under 20.			40. 20 and under 40.	60. 40 and under 60.	80. 60 and under 80.	80 Years and upwards.	ALL AGES.		Under 20.			40. 20 and under 40.	60. 40 and under 60.	80. 60 and under 80.	80 Years and upwards.		
		Mean Tem. °	0-1. °	1-5. °							5-20. °	Mean Tem. °	0-1. °					1-5. °	5-20. °
49°2	46°7	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	49°2	46°7	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.		
1356°0	1403	307	236	122	188	230	274	46											
1351°1	1400	306	236	122	188	29	273	46											
12°9	8	-	1	2	4	-	1	-											
25°5	36	5	30	1	-	-	-	-											
95°5	68	4	34	28	2	-	-	-											
7°8	9	-	4	5	-	-	-	-											
13°3	10	2	8	-	-	-	-	-											
30°9	21	9	10	2	-	-	-	-											
85°0	5	1	-	3	-	1	-	-											
	36	-	5	13	10	7	1	-											
10°7	6	-	-	3	1	2	-	-											
5°5	5	1	1	-	4	-	2	2											
7°7	1	-	-	-	-	1	-	-											
1°0	-	-	-	-	-	-	-	-											
2°5	3	-	-	-	1	1	1	-											
34°0	25	17	5	-	-	1	2	-											
1°3	-	-	-	-	-	-	-	-											
2°2	1	-	1	-	-	-	-	-											
5°5	-	-	-	-	-	-	-	-											
9°9	6	-	-	1	1	2	2	-											
7°7	1	1	-	-	-	-	-	-											
9°7	9	8	-	-	1	-	-	-											
1°1	-	-	-	-	-	-	-	-											
1°1	1	-	-	-	1	-	-	-											
1°1	-	-	-	-	-	-	-	-											
3°3	-	-	-	-	-	-	-	-											
10°2	11	11	-	-	-	-	-	-											
2°1	2	1	1	-	-	-	-	-											
1°3	1	-	-	-	1	-	-	-											
1°6	4	-	-	-	-	4	-	-											
4°0	3	3	-	-	-	-	-	-											
2°2	-	-	-	-	-	-	-	-											
1°4	5	-	-	-	-	1	4	-											
9°9	5	-	1	1	-	2	-	-											
33°2	36	-	-	-	6	13	17	-											
7°7	2	-	2	-	-	-	-	-											
2°5	3	-	-	-	-	1	2	-											
9°2	5	2	2	1	-	-	-	-											
25°1	33	21	10	2	-	-	-	-											
160°2	151	2	5	16	72	49	6	1											
22°2	34	10	20	4	-	-	-	-											
16°1	16	4	4	1	4	1	1	1											
42°4	43	1	2	-	5	14	19	2											
27°2	30	-	-	-	2	5	21	2											
1°5	2	-	-	-	-	1	1	-											
1°1	-	-	-	-	-	-	-	-											
7°2	9	1	-	3	2	3	-	-											
45°0	32	28	4	-	-	-	-	-											
16°6	23	3	1	1	2	4	10	2											
1°8	2	-	-	-	1	1	-	-											
4°2	2	-	-	-	1	1	-	-											
67°1	75	-	-	6	16	22	29	2											
5°8	8	3	4	-	-	1	-	-											
129°5	178	40	37	2	3	29	55	12											
3°8	5	-	-	1	-	2	-	-											
76°2	89	25	25	5	13	7	14	-											
5°7	3	-	-	-	-	1	2	-											
14°5	14	8	3	1	-	-	2	-											
1°7	-	-	-	-	-	-	-	-											
5°4	8	3	-	-	-	-	5	-											
6°0	6	-	-	3	2	1	-	-											
2°3	2	-	-	-	1	1	-	-											
2°3	2	-	-	-	1	1	-	-											
2°5	2	-	-	-	-	2	-	-											
3°5	2	-	-	-	-	-	1	1											
1°2	1	-	-	-	-	1	-	-											

CAUSES OF DEATH.																	
Mean Temperature																	
9. Stricture of Intestines	5	3	-	-	-	1	-	2	-	-	-	-	-	-	-	-	-
10. Fistula	5	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
11. Stomach Disease, &c.	5.4	6	1	1	-	-	-	-	-	1	-	-	-	-	3	-	-
12. Pancreas Disease, &c.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13. Hepatitis	4.4	6	-	-	-	-	-	-	1	3	2	-	-	-	-	-	-
14. Jaundice	4.0	5	3	-	-	-	-	-	-	-	1	1	-	-	-	-	-
15. Liver Disease, &c.	17.6	26	1	-	-	-	-	-	5	13	9	-	-	-	-	-	-
16. Spleen Disease, &c.	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ORDER 5.																	
1. Nephritis	-	3.0	5	-	1	-	-	-	1	2	1	-	-	-	-	-	-
2. Ischuria	-	5	2	1	-	-	-	-	-	1	1	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	-	12.1	23	-	-	-	3	4	11	4	1	-	-	-	-	-	-
4. Diabetes	-	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5. Calculus (Stone)	-	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6. Cystitis	-	2.1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7. Kidney Disease, &c.	-	6.8	9	-	-	-	-	2	-	-	7	-	-	-	-	-	-
ORDER 6.																	
1. Ovarian Dropsy	-	5	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-
2. Uterus Disease, &c.	-	4.8	2	-	-	-	-	-	-	2	-	-	-	-	-	-	-
ORDER 7.																	
1. Synovitis (Arthritis)	-	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2. Joint Disease, &c.	-	6.9	11	-	1	6	-	2	2	-	-	-	-	-	-	-	-
ORDER 8.																	
1. Phlegmon	-	2.5	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-
2. Ulcer	-	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3. Skin Disease, &c.	-	1.5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
IV. DEVELOPMENTAL DISEASES.																	
ORDER 1.																	
1. Premature Birth	-	22.6	17	17	-	-	-	-	-	-	-	-	-	-	-	-	-
2. Cyanosis	-	2.3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
3. Spina Bifida	-	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4. Other Malformations	-	2.0	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-
5. Teething	-	11.2	8	5	3	-	-	-	-	-	-	-	-	-	-	-	-
ORDER 2.																	
1. Paramenia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2. Childbirth (see Puer- peral Fever)	-	6.7	4	-	-	-	4	-	-	-	-	-	-	-	-	-	-
ORDER 3.																	
1. Old Age	-	40.6	42	-	-	-	-	-	20	22	-	-	-	-	-	-	-
ORDER 4.																	
1. Atrophy and Debility	-	65.4	61	44	9	-	1	-	7	-	-	-	-	-	-	-	-
V. VIOLENT DEATHS, &c.																	
ORDER 1. (ACCIDENT OR NEGLIGENCE.)																	
1. Fractures & Contusions	19.4	20	1	1	4	7	3	4	-	-	-	-	-	-	-	-	-
2. Wounds { Gunshot - Cut, Stab }	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3. Burns and Scalds	4.7	3	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-
4. Poison	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5. Drowning	4.6	4	-	-	1	-	2	1	-	-	-	-	-	-	-	-	-
6. Suffocation	7.7	10	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7. Otherwise	2.5	2	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-
ORDER 3. (HOMICIDE.)																	
1. Murder & Manslaughter	1.5	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ORDER 4. (SUICIDE.)																	
1. Wounds { Gunshot - Cut, Stab }	2	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
2. Poison	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3. Drowning	7.7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4. Hanging	7.7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5. Otherwise	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ORDER 5. (EXECUTION.)																	
1. Hanging	2	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Violent Deaths (not classed)																	
Sudden Deaths (Cause unascertained)	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Causes not specified or ill-defined	4.1	3	1	-	-	-	1	1	-	-	-	-	-	-	-	-	-

ould be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1877.

on is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, TYPHUS, ENTERIC (OR TYPHOID) FEVER, SIMPLE CONTINUED FEVER, DIARRHŒA, and VIOLENCE, during the Week ending—

REGISTRATION SUB-DISTRICTS.	Enu- me- rated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include												
				Deaths of		Deaths from										
				Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhœa.	Violence.	Un- registered Causes.
LONDON - - -	3,254,260	2527	1403	307	320	8	36	68	9	21	5	36	6	25	47	99
WEST DISTRICTS - - -	561,359	402	226	29	70	1	6	7	-	2	2	3	-	3	5	14
NORTH DISTRICTS - - -	751,729	577	339	71	90	4	10	29	3	3	1	12	2	4	7	17
CENTRAL DISTRICTS - - -	334,369	176	140	32	22	-	2	8	-	1	1	6	-	2	3	13
EAST DISTRICTS - - -	639,111	537	285	78	38	-	13	11	-	4	-	7	2	6	10	18
SOUTH DISTRICTS - - -	967,692	835	413	97	100	3	5	13	6	11	1	8	2	10	17	29
WEST DISTRICTS.																
St. Mary Paddington WH - - -	58728	50	22	2	7	-	2	4	-	1	-	-	-	-	1	1
St. John Paddington H - - -	38085	16	15	1	6	-	-	1	-	-	1	-	-	-	-	-
Kensington Town W - - -	91645	81	31	6	7	-	-	-	-	-	-	1	-	-	-	-
Brompton H - - -	23654	17	8	-	3	-	-	-	-	-	-	-	-	-	-	-
St. Peter Hammersmith - - -	6662	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith H - - -	36029	30	20	4	7	-	2	-	-	-	1	-	-	1	-	-
Fulham WwH - - -	23350	33	16	3	3	1	-	1	-	-	-	-	-	-	-	-
Chelsea South HHH - - -	26420	26	11	-	-	-	-	-	-	-	-	-	-	-	-	-
Chelsea North-west WHHHH - - -	22926	13	19	1	8	-	-	-	-	-	-	-	-	-	-	-
Chelsea North-east - - -	21392	28	9	3	2	-	-	-	-	-	-	1	-	-	-	-
Hanover Square H - - -	18693	11	4	1	1	-	-	-	-	-	-	-	-	-	-	-
May Fair WW - - -	13353	3	4	-	3	-	-	-	-	-	-	-	-	-	-	-
Belgrave HH - - -	57972	19	20	2	4	-	1	-	-	-	-	-	-	-	3	-
St. John Westminster HH - - -	38473	26	9	1	1	-	1	-	-	-	-	-	-	-	-	-
St. Margaret Westminster WH - - -	27781	17	14	-	10	-	-	1	-	-	-	-	-	-	-	-
Golden Square WH - - -	12860	7	8	2	2	-	-	-	-	1	-	1	-	-	1	-
Berwick-street H - - -	20759	12	9	-	6	-	-	-	-	-	-	-	-	-	-	-
St. Anne Soho HHHHH - - -	17562	7	7	3	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DISTRICTS.																
All Souls Marylebone HHHH - - -	23579	13	10	2	4	-	-	-	-	1	-	1	-	-	-	1
Cavendish Square HH - - -	15425	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone WH - - -	26384	16	11	1	7	-	-	1	-	-	-	-	-	-	-	-
St. Mary Marylebone HHH - - -	21786	23	9	3	3	-	-	1	-	-	-	-	-	-	1	-
Christchurch Marylebone H - - -	33944	20	13	3	5	-	-	1	-	-	-	-	-	-	-	-
St. John Marylebone H - - -	33136	15	20	3	4	-	1	-	-	1	-	1	-	-	-	-
Hampstead WwHH - - -	32281	18	13	-	3	1	2	-	-	-	-	-	-	-	-	-
Regent's Park Pancras - - -	38200	20	14	5	6	-	1	-	-	-	-	-	-	-	1	-
Tottenham-court WHHH - - -	29370	16	15	3	3	-	-	2	-	-	-	1	-	1	1	-
Gray's Inn Lane HHH - - -	29221	18	18	6	4	-	1	-	-	-	-	-	-	-	1	-
Somers Town - - -	38533	31	8	3	3	-	-	-	-	-	-	-	-	-	1	-
Camden Town WH - - -	17943	26	7	1	4	-	-	-	-	-	-	-	-	-	-	-
Kentish Town w - - -	68193	63	27	8	5	-	-	2	1	-	-	-	-	-	-	-
Islington West HHH - - -	97820	83	50	11	5	-	2	12	1	1	-	3	-	1	1	-
Islington East WwvH - - -	115953	101	54	9	15	-	2	7	-	-	-	1	-	-	-	-
Stoke Newington H - - -	9841	9	3	1	1	-	-	-	-	-	-	-	-	-	-	-
Stamford Hill - - -	6598	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney - - -	28069	31	7	2	2	-	-	-	-	-	-	2	-	-	-	-
Hackney WwvHL - - -	50104	35	35	5	10	3	-	2	-	-	1	1	1	1	1	-
South Hackney - - -	30339	28	22	4	5	-	-	1	1	-	-	-	-	-	-	-
CENTRAL DISTRICTS.																
St. George Bloomsbury - - -	17853	12	5	2	-	-	1	1	-	-	-	1	-	-	-	-
St. Giles South WH - - -	19109	28	15	4	5	-	-	1	-	1	-	1	-	1	-	-
St. Giles North - - -	16594	9	7	3	-	-	-	-	-	-	-	-	-	-	-	-
Long Acre - - -	11379	4	5	1	-	-	-	-	-	-	-	-	-	-	-	-
Charing Cross HH - - -	9859	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand - - -	9373	3	2	1	1	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes H - - -	10723	2	9	2	-	-	-	-	-	-	-	1	-	-	1	-
St. George-the-Martyr HHHHH - - -	20521	11	10	2	2	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Eastern W - - -	13529	8	6	-	2	-	-	-	-	-	-	1	-	-	-	-
Saffron Hill H - - -	9066	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell W - - -	18917	10	4	2	-	-	-	1	-	-	-	-	-	-	-	-
Amwell Clerkenwell - - -	16884	8	8	1	1	-	-	2	-	-	1	-	-	-	-	-
Pentonville - - -	13337	8	4	1	-	-	-	1	-	-	-	-	-	-	-	-
Goswell-street - - -	16242	7	4	-	1	-	-	-	-	-	-	-	-	-	1	-
Old-street H - - -	12161	7	6	-	1	-	-	1	-	-	-	-	-	-	-	-
City-road HHL - - -	18301	20	6	5	-	-	-	-	-	-	-	-	-	-	-	-
Whitecross-street - - -	13792	10	5	3	-	-	-	1	-	-	-	1	-	-	-	-
Finsbury - - -	10741	3	3	1	-	-	1	-	-	-	-	-	-	-	-	-
St. Botolph East London H - - -	14540	5	9	2	1	-	-	-	-	-	-	-	-	-	1	-
Cripplegate - - -	13638	3	2	-	2	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre H - - -	7562	1	21	1	4	-	-	-	-	-	-	1	-	-	-	-
St. Bride W - - -	11185	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard - - -	4426	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - -	6270	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - -	4753	-	3	1	2	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - -	5764	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad-street H - - -	7845	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see at the foot of next page.

CHOLERA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
October 1877.

POPULATION DISTRICTS.	Enume- rated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
				Deaths of		Deaths from											
				Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhea.	Violence.		
DISTRICTS.																	
North HL†	12430	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
West -	16545	7	7	3	2	-	-	-	-	-	-	-	-	-	-	-	
-	27835	29	11	2	3	-	-	3	-	-	-	-	-	-	-	2	
-	26933	20	10	2	2	-	-	1	-	-	-	-	-	-	-	-	
-	43421	24	21	4	3	-	-	-	-	2	-	1	-	-	-	4	
East WHL†	29822	37	17	5	1	-	-	2	-	-	-	-	1	-	2	2	
Green -	42433	41	19	6	4	-	-	-	-	-	-	-	1	-	-	3	
Green -	26577	17	15	7	3	-	1	-	-	1	-	-	-	-	1	-	
-	21272	19	11	5	-	-	-	2	-	-	-	1	1	-	-	-	
North W	22499	13	8	-	-	-	-	-	-	-	-	-	-	1	-	-	
-	15550	8	8	1	1	-	-	1	-	-	-	-	-	-	-	-	
-	11597	8	5	-	-	-	-	-	-	-	-	-	-	-	-	-	
H	7322	10	16	2	1	-	-	-	-	-	-	-	-	-	-	14	
-	10381	7	4	1	-	-	-	-	-	-	-	-	-	-	-	-	
-	9224	6	5	1	2	-	-	-	-	-	-	-	-	-	-	-	
East -	17900	17	8	4	-	-	1	-	-	-	-	-	-	-	2	2	
East -	21350	14	8	3	-	-	1	-	-	-	-	-	-	-	-	-	
East W	8802	3	10	2	4	-	1	-	-	-	-	-	-	-	-	4	
-	11640	4	4	-	-	-	1	-	-	-	-	-	-	-	1	-	
-	16181	19	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
-	29919	18	8	2	-	-	-	-	-	-	1	-	-	-	-	-	
Western -	38128	41	13	3	2	-	4	-	-	-	-	-	1	-	1	-	
Eastern WwH	55024	43	23	4	3	-	1	-	-	-	2	-	-	1	1	2	
-	67765	95	28	8	5	-	-	-	-	-	1	-	2	-	-	4	
-	48611	33	27	9	2	-	-	2	-	-	1	-	-	3	6	1	
DISTRICTS.																	
North WH	14573	9	6	2	2	-	-	-	-	-	-	-	-	-	1	1	
North H	15677	7	7	3	-	-	-	-	-	-	-	-	-	-	1	-	
-	20421	23	5	1	1	-	-	-	-	2	-	-	-	-	1	-	
-	16695	12	7	1	3	-	-	-	-	-	-	-	-	-	1	-	
-	18961	16	11	3	1	-	-	-	-	-	-	-	-	-	2	-	
-	23682	20	7	2	2	-	-	-	-	-	-	-	-	-	3	-	
W	48248	81	15	8	3	-	1	-	1	2	-	-	3	-	-	-	
-	16792	15	7	2	-	-	-	-	-	-	1	-	-	-	-	-	
H	4373	1	13	-	-	-	-	-	-	-	-	-	-	2	3	13	
North W	10500	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	16787	10	12	6	2	-	-	-	-	-	-	-	-	1	1	-	
W	15709	11	6	2	3	-	-	-	-	-	-	-	-	-	1	-	
Key	47933	33	16	10	3	-	-	1	-	3	-	1	-	-	1	2	
-	27096	29	15	2	4	-	1	-	-	-	-	-	-	2	3	3	
H	14074	14	6	1	-	-	-	2	1	-	-	-	-	-	-	-	
H	18465	10	9	3	-	-	-	-	-	2	-	-	-	-	-	-	
North H	19492	16	24	4	5	-	-	-	1	-	-	-	-	2	2	10	
North WW	35833	38	27	7	6	-	-	-	-	-	-	2	-	1	1	11	
-	41286	33	17	5	7	-	-	-	1	-	-	-	-	2	-	-	
-	31221	22	8	1	1	-	-	-	-	-	-	1	-	1	-	-	
-	35435	37	22	1	6	-	3	-	1	1	-	2	-	-	-	6	
-	12536	10	4	-	1	-	-	-	-	-	-	-	-	-	-	-	
-	27347	17	6	1	1	-	-	-	-	-	-	-	-	-	-	-	
-	54016	76	17	5	5	-	-	1	-	-	2	-	-	2	2	1	
-	19783	21	3	1	2	-	-	-	-	-	-	-	-	-	-	2	
-	9439	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	14475	15	9	2	3	-	-	-	1	-	-	-	-	-	-	-	
-	4041	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
†	31254	35	20	5	6	-	-	-	-	-	-	-	1	-	1	12	
Well	42160	41	15	1	5	-	1	-	1	-	-	1	-	1	-	-	
-	33851	36	10	1	2	-	-	2	1	2	-	-	-	1	-	-	
-	53714	46	13	5	2	-	-	1	-	1	-	-	-	-	-	-	
-	6474	7	6	1	2	-	-	-	-	-	-	-	-	-	-	-	
-	21034	9	12	7	1	-	-	-	-	1	-	-	-	1	1	-	
H	19378	10	12	2	4	-	-	-	-	-	-	-	-	-	-	7	
-	4539	5	3	2	1	-	-	-	-	-	-	-	1	-	-	-	
-	16440	8	5	-	3	-	-	-	-	-	-	-	-	-	-	-	
WH	11513	14	8	3	2	-	-	-	-	-	-	-	1	-	-	1	
-	19065	12	5	2	2	-	-	-	-	-	-	-	-	-	-	-	
-	9564	4	5	-	4	-	-	-	-	-	-	-	-	-	-	-	
-	17226	12	2	-	1	-	1	-	-	-	-	-	-	-	-	-	
WHH	18331	22	8	-	3	-	-	2	-	-	-	-	-	1	1	-	
-	13027	10	2	1	-	-	-	-	-	-	-	-	-	1	1	-	
-	15232	10	4	-	3	-	-	-	-	-	-	-	-	-	-	3	

WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the

Sick Asylum in Tottenham-court sub-district.

12 " Kentish Town sub-district.

Workhouse in Islington East sub-district.

House " Hackney " sub-district."

" Hackney sub-district.
" Hoxton New Town sub district.

22 " Mile End Old Town Eastern sub-dist.

Parishes of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston

† Private Lunatic Asylums in which paupers are received.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and
Bow sub-district.
Stepney " " Bow sub-district.

Stepney " " Bow sub-district.

Poplar & Stepney Sick Asylum
Westminster, London, E.C. 2

Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hammersmith,

Metropolitan Asylum District Hospitals in Fulham, Hammersmith, Hackney, Brixton, and St. Paul Deptford sub-districts.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 20th October 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enume- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include											
						Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths from all Causes.
	LONDON—OUTER RING	368,414	631,381	525	239	46	52	2	6	17	2	2	2	7	5	10	31
29: 1	Carshalton <i>wL</i> - - -	12228	13523	9	7	1	1	-	-	-	-	-	-	-	-	-	8
2	Epsom (<i>part of</i>) * <i>WH</i> -	9971	9145	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36: 1	Godstone (<i>part of</i>) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37: 1	Croydon <i>WWH</i> - - -	20851	71319	59	25	3	3	-	-	1	-	-	-	-	-	1	6
2	Mitcham <i>WH</i> - - -	11697	12534	8	3	1	2	-	-	-	-	-	-	-	-	-	-
38: 1	Wimbledon <i>HH</i> - - -	3220	9087	5	4	1	1	-	-	-	-	-	-	1	-	-	-
2	Kingston <i>WH</i> - - -	8549	27489	13	7	1	1	-	-	-	-	-	1	1	-	-	-
3	Esher (<i>part of</i>) * - - -	6601	7353	10	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Hampton - - -	4573	10185	9	7	2	2	-	-	-	-	-	-	-	-	1	-
39: 1	Richmond <i>WH</i> - - -	2271	16829	8	5	-	1	-	-	-	-	-	1	-	-	-	-
2	Mortlake - - -	2961	9316	11	6	-	2	-	1	-	-	-	-	-	-	-	-
40: 1	Bromley (<i>part of</i>) * <i>HH</i> -	15669	19509	23	6	3	1	-	-	2	-	-	-	-	-	-	-
2	Chislehurst (<i>part of</i>) * <i>W</i> -	13665	10028	9	10	-	2	-	-	1	-	-	-	-	-	1	1
41: 1	Bexley <i>H</i> - - -	13439	19566	14	6	2	1	-	-	2	1	-	-	-	-	-	-
123: 1	Sunbury <i>W</i> - - -	11055	9860	6	3	-	1	-	-	-	-	-	-	-	-	-	-
2	Staines <i>W</i> - - -	13277	10339	2	3	-	1	-	-	-	-	-	-	-	-	-	-
124: 1	Hillingdon <i>WH</i> - - -	6029	9712	8	4	1	1	-	-	-	-	-	-	1	-	-	-
2	Uxbridge - - -	6178	5329	5	1	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes <i>WL</i> - - -	14587	10497	7	9	-	1	-	-	2	-	-	-	-	-	-	-
125: 1	Isleworth <i>W</i> - - -	7008	19930	9	10	-	7	-	-	-	-	-	-	-	-	1	1
2	Twickenham - - -	2477	10533	9	3	2	-	-	-	-	-	-	-	1	-	-	-
3	Brentford <i>HL</i> - - -	4370	20279	17	1	-	-	-	-	-	-	-	-	-	-	-	-
4	Chiswick - - -	1311	8508	10	4	1	2	-	-	-	-	-	-	-	-	-	-
5	Acton <i>WH</i> - - -	6087	12683	11	4	1	-	-	-	-	-	-	-	1	-	-	-
126: 1	Harrow <i>H</i> - - -	13809	10869	4	1	-	-	-	-	-	-	-	-	-	-	-	-
2	Edgware - - -	6994	3450	3	2	1	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - -	4383	15869	19	8	1	-	-	2	3	-	-	-	-	-	-	-
4	Hendon <i>WH</i> - - -	8382	6972	12	4	-	1	-	-	-	-	-	-	-	-	-	-
127: 1	South Mimms - - -	15419	5924	6	1	-	-	-	-	1	-	-	-	-	-	-	-
2	Barnet <i>W</i> - - -	5423	7752	4	1	-	-	-	-	-	-	-	-	-	-	-	-
3	Finchley <i>L</i> - - -	4688	11493	3	1	-	-	-	-	-	-	-	-	-	-	-	-
128: 1	Hornsey <i>H</i> - - -	3039	19357	14	12	4	1	-	-	-	-	1	-	1	2	4	-
2	Tottenham <i>H</i> - - -	4642	22869	28	10	5	1	-	-	2	-	-	-	-	-	-	-
3	Edmonton <i>WW</i> - - -	7483	13860	8	14	3	6	-	-	1	-	1	-	-	-	-	-
4	Enfield <i>WH</i> - - -	12653	16054	5	3	1	1	-	1	-	-	-	-	-	1	1	-
5	Waltham Abbey - - -	11017	5197	5	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - -	8493	7513	6	3	-	1	-	-	-	-	-	-	-	-	-	-
134: 1	Hatfield (<i>part of</i>) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136: 1	Bushey - - -	9028	6472	7	1	-	-	-	-	-	-	-	-	-	-	-	-
185: 1	Stratford - - -	882	23236	28	14	7	2	-	1	-	1	-	-	1	-	-	-
2	West Ham <i>WWW</i> - - -	7345	44642	62	16	3	3	2	1	1	-	-	-	-	-	-	-
3	Leyton <i>WW</i> - - -	4274	15513	21	7	-	3	-	-	-	-	-	-	-	-	-	-
4	Walthamstow <i>H</i> - - -	6619	15701	16	6	1	-	-	-	-	-	-	-	-	-	-	-
186: 1	Chigwell (<i>part of</i>) * <i>H</i> -	10483	8169	2	2	-	1	-	-	1	-	-	-	-	-	-	-
188: 1	Romford (<i>part of</i>) * - -	6730	2879	-	2	-	1	-	-	-	-	-	-	-	-	-	-
2	Ilford - - -	8492	5947	3	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	7	3	1	1	-	-	-	-	-	-	-	1	1	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warrington and Farley in Godstone sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 934); 134: 1, only the parish of Northaw in Hatfield sub-district; 186: 1, the whole of the Chigwell sub-district, except the parish of Thoydon (pop. 798); 188: 1, only the parish of Dagenham in Romford sub-district.

GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 20th October, 1877.

	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from									Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.		
LONDON	446,494	4,367,547	19·6	3·0	1642	353	372	10	42	85	11	23	49	32	52	267	
Inner LONDON -	78,080	3,533,484	20·7	3·2	1403	307	320	8	36	68	9	21	47	25	47	236	
Outer LONDON -	368,414	834,063	15·0	2·4	239	46	52	2	6	17	2	2	2	7	5	31	

Area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 14·902 miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 4,907 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
PARIS	429,535	September 8	—	297	36·0	Fevers 82; cholera 39.
"	"	" 15	—	253	30·7	Fevers 68; cholera 27.
"	644,405	" 18	—	680	54·9	Remittent fever 200; cholera 33.
"	397,552	August 31	320	892	116·6	Small-pox 45; dysentery 212; cholera 77.
"	1,988,806	October 18	—	900	23·1	Typhoid fever 37; diphtheria 16.
"	67,829	" 13	47	31	23·9	Diphtheria 1.
"	188,609	" 13	101	73	21·9	Whooping-cough 3.
"	289,981	" 6	203	120	21·0	Scarlet fever 2; croup 3.
"	136,231	" 6	109	57	21·7	—
"	104,095	" 6	108	37	18·5	Typhus and typhoid fever 2.
"	215,000	" 16	153	80	19·4	Typhoid fever 2.
"	146,845	" 6	—	73	25·8	Scarlet fever 6; whooping-cough 2.
"	79,000	" 13	68	30	19·8	Scarlet fever 1; diphtheria 1.
"	669,741	September 22	—	374	29·0	Typhus and typhoid fever 14; scar. fever 6; diph. 9.
"	997,269	" 29	836	518	26·9	Scarlet fever 30; typhus and typhoid fever 22.
"	393,588	" 29	328	195	25·9	Typhus 5; whooping-cough 5.
"	202,295	October 6	136	91	22·1	Scarlet fever 5; diphtheria and croup 7.
"	246,813	" 13	219	154	27·1	—
"	209,000	" 13	187	114	28·0	Typhoid fever 4; diphtheria and croup 3.
"	714,548	" 13	461	293	22·0	Small-pox 7; diphtheria 12.
"	315,401	" 6	280	218	35·9	Small-pox 2; typhus 9; scarlet fever 6.
"	278,099	" 6	158	108	20·0	Typhus and typhoid fever 2.
"	454,948	September 23	—	192	22·0	Diphtheria 3.
"	223,488	" 29	128	114	22·4	Typhoid fever and typhus 11.
"	139,796	October 13	62	73	27·2	Typhoid fever 3.
"	212,034	September 27	182	198	48·7	Whooping-cough 10.
"	"	October 5	197	209	51·4	Whooping-cough 13.
"	1,077,228	September 22	—	507	24·5	Scarlet fever 10; diphtheria 17.
"	527,830	" 22	—	207	20·4	Diphtheria 8; scarlet fever 3.
"	850,856	" 29	—	261	16·0	Typhoid fever 17; diphtheria 10.
"	363,000	" 22	—	157	22·4	Typhoid fever 8; diphtheria 5.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 20th OCTOBER, 1877.
[Under the Superintendence of the Astronomer Royal.]

MOON.		READINGS OF THERMOMETERS.										DIFFERENCE				WIND.				RAIN.					
Phases of Moon.	Mean daily reading (corrected and reduced to 32 deg. Fahr. height).	Dry.			Dew Point.	Highest in the sun, as shown by self-registering thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by self-registering thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers.			Between Dew Point Temperature and Air Temperature.		Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of humidity, complete saturation being represented by 100.	As deduced from Anemometers.		Collected in a Gauge whose receiving surface is 5 in. above the ground.								
		High-est.	Low-est.	Range in day.				Mean daily value.	Mean daily value.	Mean Great-est.	Least.	General Direction.			Osler's.	Robinson's.		Amount of Horizontal Movement of Air each day.	Departure from Average of 16 years.						
1877.																									
MONTH AND DAY.																									
OCTOBER.																									
SUN.	14	in	29.571	68.8	52.3	16.5	60.8	46.9	111.7	46.5	53.7	51.7	13.9	19.8	2.4	60	SSW. & SW.	SSW. SSE. & S.	WSW.	402	132	0.00	13.5		
MON.	15	..	29.679	64.7	42.9	21.8	49.5	37.8	102.1	39.2	54.1	52.3	11.7	16.4	5.1	64	SW. & W.	WSW.	23.0	0.3	4.5	0.10	5.0		
TUES.	16	..	29.984	50.2	35.2	15.0	42.1	37.3	86.7	31.0	53.3	51.3	4.8	10.1	0.0	83	WSW. & WNW.	NNW. NW. & WSW.	8.9	0.0	1.5	0.03	1.5		
WED.	17	Apogee.	30.192	53.7	31.7	22.0	41.4	34.7	97.8	23.0	53.1	50.3	6.7	18.2	0.0	77	WSW.	NW. NNW. & WSW.	3.8	0.0	0.4	0.00	0.0		
THURS.	18	..	30.168	50.9	28.2	22.7	38.0	30.6	91.9	20.3	51.3	49.8	7.4	16.8	0.0	75	SW. & W.	W. SW. & S.	0.0	0.0	0.0	0.00	0.0		
FRI.	19	In Equator	30.072	56.4	30.6	25.8	44.4	36.3	80.6	24.4	51.3	48.8	8.1	13.2	5.8	73	SW.	SW. & SSW.	1.1	0.0	0.1	0.00	0.0		
SAT.	20	..	29.966	60.9	41.7	19.2	51.0	41.6	109.0	36.0	51.3	48.8	9.4	15.8	3.1	70	SSW. & SW.	sw. SSW. & S.	0.7	0.0	0.1	0.00	1.0		
MEANS	29.947	57.9	37.5	20.4	46.7	37.9	97.1	32.2	52.6	50.4	8.9	15.8	2.3	72	SW.	Sum 2307	Sum +355	3.0	
No. of Col.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE.	Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.
OCTOBER.			
SUNDAY . 14	The electrical apparatus was not in action throughout the week.	6.7	10.7
MONDAY . 15		5.6	10.7
TUESDAY . 16		1.8	10.6
WEDNESDAY 17		5.7	10.5
THURSDAY . 18		6.8	10.5
FRIDAY . 19		0.4	10.4
SATURDAY . 20		8.0	10.3
		Sum 33.0	Sum 73.7

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending December 31, 1845.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873.

* In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and — "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 20, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, OCTOBER 27. [Price 1½d.

*General Register Office, Somerset House,
October 29th, 1877.*

UNITED KINGDOM.

During last week 5886 *births* and 3610 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2276. The mortality from all causes was at the average rate of 22·1 deaths annually in every 1000 persons living. The annual death-rate was 22·1 per 1000 in Edinburgh, 23 in Glasgow, and 25 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, ranged in order from the lowest, were as follow:—Portsmouth 18, Brighton 19, Bristol 19, Leicester 20, Sheffield 22, Bradford 22, London 22, Leeds 22, Sunderland 22, Plymouth 22, Birmingham 24, Norwich 25, Newcastle-upon-Tyne 25, Liverpool 25, Nottingham 25, Liverpool 27, Wolverhampton 28, Manchester 28, Oldham 28, Salford 31. The annual death-rate from the seven principal zymotic diseases was 3·6 per 1000 in the twenty towns, and ranged from 0·0 in Brighton and Plymouth, to 4·9 and 7·8 in Manchester and Wolverhampton. Scarlet fever continued fatal prevalence in Wolverhampton. The deaths from measles were those returned in recent weeks. The fatal cases of small-pox in the twenty towns were 17, of which 14 occurred in London, and 3 in Liverpool.

LONDON.

IN LONDON 2474 BIRTHS and 1499 DEATHS were registered. Allowing for the increase of population, the births exceeded by 58, and the deaths by 30, the numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the five preceding weeks had steadily increased from 17·4 to 20·7 per 1000, further rose last week to 22·1.

The 1499 deaths included 14 from small-pox, 67 from measles, 64 from scarlet fever, 6 from diphtheria, 28 from whooping-cough, 39 from different forms of fever, and 23 from diarrhoea; thus to the seven principal diseases of the zymotic class 241 deaths were referred, against 153, 195, and 214 in the three preceding weeks. These 241 deaths were 11 below the corrected average number for the same diseases in the corresponding week of the last ten years, and were at an annual rate of 3·5 per 1000. The 67 fatal cases of measles showed a slight increase upon the numbers in recent weeks, and included 7 in Marylebone, 5 in Islington, 5 in Stepney, 6 in Lambeth, and 4 in Camberwell. The 64 deaths from scarlet fever were four less than those in the previous week, but included 22 in the group of districts; 13 occurred in Islington, 4 in Hackney, 7 in Clerkenwell, 2 in Newington, and 4 in Camberwell. The Metropolitan Asylum Hospitals and the London Fever Hospital contained 154 scarlet fever patients on Saturday last, against 123 and 139 at the end of the two previous weeks. Of the 6 deaths from diphtheria, 2 occurred in Islington. The 28 fatal cases of whooping-cough showed a slight increase upon the low numbers in recent weeks. The 39 deaths referred to were 8 less than the number in the previous week, and 5 below the corrected weekly average; 3 were fatal cases of typhus, 32 of enteric fever, and 4 of continued fever. Of the 3 deaths from typhus, two were of the children of a boot-maker at 2, Tranton Road, Bermondsey; and one occurred at 9, Union Street, Islington. The 32 deaths from enteric fever included 2 in Hampstead, 2 in Islington, 2 in Hackney, 2 in St. Martin's-in-the-Fields, 2 in Clerkenwell, 2 in Fitch, 2 in Mile End Old Town, 4 in Lambeth, and 2 in Peckham. The fever cases in the Metropolitan Asylum Hospitals and the London Fever Hospital rose, against 112 and 114 in the two previous weeks, to 123.

The deaths from small-pox, which had been 14 and 8 in the two preceding weeks, rose again to 14 last week, of which 9 occurred in the Metropolitan Asylum Hospitals, and 5 in private dwellings. Two of the deceased small-pox patients

had resided in Kensington, 3 in Chelsea, one in Fulham, one in Stepney, one in Mile End, one in Poplar, 3 in Lambeth, one in Peckham, and one in Deptford. Five of the fatal cases were certified as vaccinated (including 4 described as imperfectly vaccinated), 4 as unvaccinated, and 5 were "not stated" as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which had been 137, 144, and 153 at the end of the three preceding weeks, further rose to 177 last week; the new cases admitted during the week were 64, against 28, 44, and 42 in the three previous weeks. The Highgate Small-pox Hospital contained 21 patients on Saturday last; at the end of the two previous weeks the numbers were 14 and 19 respectively.

Five deaths were referred to puerperal fever, including 2 in Islington; and 4 resulted from the accidents incidental to child-bearing.

The death of a bricklayer aged 58 years, in Lewisham, was referred to "poisoning of blood and diarrhoea through entering sewers."

The deaths referred to diseases of the respiratory organs, which in the eight preceding weeks had steadily increased from 108 to 297, further rose last week to 371, and exceeded the corrected weekly average by 84; 212 resulted from bronchitis, and 113 from pneumonia. The effects of recent cold nights are here apparent.

Different forms of violence caused 56 deaths; 51 were the result of negligence or accident, including 27 from fractures and contusions, 5 from burns and scalds, 2 from drowning, 3 from poison, and 11 of infants under one year of age from suffocation. The 27 deaths from fractures and contusions were thus caused:—males aged 42, 39, 8, and 8, and females 73 and 3, run over by vans or carts; female 4, run over by a cab; males 49 and 28, run over on railway; males 69 and 26, and females 72 and 50, fell down stairs; male 2, and female 27, fell from window; female 3, fell from a child's arms; female 69, fell on pavement; male 38, fell down ship's hold; male 44, fell into a cellar; male 39, fell from roof; female 72, fell from bedstead; male 35, by load of deals falling on him; male 70, fractured ribs by fall; male 41, fractured skull by fall; male 26, injured by fly-wheel of machinery; male 2, "fracture of clavicle;" and female 68, "concussion of brain, coma." An inquest was held in each of these 27 cases, except the last two, which were certified by registered medical practitioners.

GREATER LONDON.

In Greater London 2989 births and 1752 deaths were registered, equal to annual rates of 35·7 and 20·9 per 1000 of the population. In the Outer Ring 8 fatal cases of small-pox and 3 of scarlet fever were registered in West Ham. In Croydon 5 deaths were referred to measles, and 2 to fever. During the past month six fatal cases of scarlet fever have occurred at Crayford (Kent).

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 33, Bombay 55, Madras 108; Paris 22; Geneva 18; Brussels 21; Amsterdam 20, Rotterdam 26, The Hague 15; Copenhagen 21; Stockholm 31; Christiania 20; St. Petersburg 30; Berlin 27, Hamburg 25, Dresden 22; Breslau 27, Munich 31; Vienna 22, Buda-Pesth 35; Naples 23, Turin 23, Venice 26; Alexandria 50; New York 25, Brooklyn 22, Philadelphia 16, and Boston 25.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·50 in., the highest reading was 29·95 in. at the beginning of the week, and the lowest 29·05 in. on Thursday afternoon. The mean temperature of the *air* was 49°·7, and 1°·8 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average on Tuesday and Wednesday, whereas an excess prevailed on each of the other days of the week. The lowest night temperature was 38°·4 on Wednesday, and the highest day temperature in the shade 62°·6 on Monday; the extreme range in the week was, therefore, 24°·2. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 98°·1 on Monday. The difference between the mean *dew-point* and *air* temperature averaged 4°·1. The daily observations of the temperature of the water in the Thames were suspended, the "Royalist" being in dry dock for repairs. The mean degree of *humidity* of the air was 87, complete saturation being represented by 100; the air was therefore of an average dryness. The general direction of the *wind* was South-west, and the horizontal movement of the air averaged 12·2 miles per hour, which was 1·3 above the average in the corresponding week of 16 years. *Rain* fell on six days of the week, to the aggregate amount of 1·24 of an inch. The duration of registered sunshine in the week was 10·8 hours, the sun being above the horizon during 70·7 hours; the recorded duration of sunshine was, therefore, equal to 15·3 per cent. of its possible duration.

BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 27th October, 1877.

Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 27th October 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
			BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.		In Inches.	In Centimetres.
212,881	8,144,940	38·3	5886	3610	66·0	31·0	49·0	9·44	1·08	2·74
75,362	3,533,434	46·9	2474	1499	62·6	38·4	49·7	9·83	1·24	3·15
2,354	102,264	43·4	63	36	61·2	40·0	50·6	10·34	2·79	6·91
4,486	127,144	28·3	57	44	61·0	41·0	52·0	11·11	-	-
7,472	84,023	11·2	55	40	61·5	40·5	49·6	9·78	0·39	0·99
1,395	72,911	52·3	37	31	59·0	39·0	51·0	10·56	1·39	3·53
4,452	202,950	45·6	149	72	58·6	37·9	49·3	9·61	1·32	3·35
3,396	73,389	21·6	64	39	58·7	31·0	45·8	7·67	0·74	1·88
8,400	377,436	44·9	341	175	-	-	-	-	-	-
3,200	117,461	36·7	73	46	58·8	36·0	48·2	9·00	0·38	0·97
1,996	95,025	47·6	70	46	59·8	37·1	48·3	9·06	0·68	1·73
5,210	527,033	101·2	382	272	57·5	41·5	49·4	9·66	0·77	1·96
4,293	359,213	83·7	276	193	-	-	-	-	-	-
5,170	141,184	27·3	139	84	59·7	37·7	47·8	8·78	1·18	3·00
4,666	89,796	19·2	76	52	-	-	-	-	-	-
7,220	179,315	24·8	123	75	60·8	42·0	49·0	9·44	1·53	3·89
21,572	293,189	13·8	280	127	59·0	41·0	48·9	9·33	1·46	3·71
19,651	282,130	14·4	236	117	58·0	39·0	48·5	9·17	0·67	1·70
3,635	140,002	38·5	116	63	58·0	39·0	46·4	8·00	0·83	2·11
3,306	110,382	33·4	83	47	-	-	-	-	-	-
5,371	142,231	26·5	104	69	-	-	-	-	-	-
4,191	218,729	52·2	131	87	59·2	38·8	47·3	8·50	0·96	2·44
6,033	555,933	92·1	383	242	60·2	39·5	49·7	9·83	1·52	3·86
10,050	314,666	31·3	169	149	66·0	37·0	51·1	10·62	0·44	1·12

Meteorological Observers in the several towns, see note at foot of Table 4.
The English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The is taken as stationary at the number enumerated in April 1871.

BIRTHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population 2 persons, and in DUBLIN, during the Week ending Saturday, the 27th October, 1877.

ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Deaths in Public Institutions.
From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from								Inquest Cases.		
			Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.			
23·2	3·6	3132	814	570	17	106	137	19	69	63	79	114	193	439	
22·1	3·5	1499	358	314	14	67	64	6	28	39	23	56	97	276	
18·4	0·0	36	9	9	-	-	-	-	-	-	-	4	4	2	
18·1	1·6	44	11	8	-	-	-	-	2	2	-	-	1	8	
24·8	3·1	40	10	13	-	-	1	1	-	1	2	-	3	2	
22·2	4·3	31	8	5	-	1	2	1	2	-	-	2	2	4	
18·5	3·1	72	16	17	-	7	-	-	-	2	3	2	4	7	
27·7	7·8	39	5	7	-	-	10	-	-	-	1	2	2	4	
24·2	4·6	175	46	24	-	7	12	1	7	2	4	12	15	19	
20·4	2·7	46	15	6	-	-	-	1	1	1	3	1	2	4	
25·3	0·0	46	10	11	-	-	-	-	-	-	-	1	5	3	
26·9	4·9	272	85	21	3	9	9	4	7	5	12	9	10	34	
28·0	4·9	193	56	35	-	7	15	2	-	2	8	4	11	29	
31·0	3·3	84	24	11	-	1	2	-	1	2	3	3	5	9	
30·2	3·5	52	12	9	-	-	2	-	2	1	1	1	1	3	
21·8	2·0	75	24	10	-	-	5	-	1	-	1	2	5	5	
22·2	4·7	127	45	16	-	1	5	2	7	4	8	3	7	10	
21·6	4·3	117	24	14	-	6	6	1	4	2	4	5	9	9	
25·3	0·4	68	26	11	-	-	1	-	-	-	-	3	4	4	
22·2	3·3	47	11	14	-	-	1	-	3	-	3	2	2	2	
25·3	3·3	69	19	15	-	-	2	-	4	-	3	2	4	5	
24·7	4·2	140	31	30	1	10	6	-	2	4	2	3	1	36	

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the FORTY-THIRD Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2198	2034	2179	2229	2202	2205	2176	2359	2566	2431	2257·9	2474
Males . .	1135	1012	1077	1155	1099	1161	1101	1194	1312	1201	1144·7	1263
Females .	1063	1022	1102	1074	1103	1044	1075	1165	1254	1230	1113·2	1211
TOTAL Deaths	1239	1421	1536	1266	1364	1381	1404	1368	1477	1277	1373·3	1499
Males . .	610	719	803	656	686	714	694	710	758	677	702·7	775
Females .	629	702	733	610	678	667	710	658	719	600	670·6	724

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867–76, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Aug. 4.	Aug. 11.	Aug. 18.	Aug. 25.	Sept. 1.	Sept. 8.	Sept. 15.	Sept. 22.	Sept. 29.	Oct. 6.	Oct. 13.	Oct. 20.	Oct. 27.
TOTAL Deaths - - -	1439	1293	1309	1261	1238	1180	1261	1179	1237	1308	1321	1403	1499
0—20 - - -	778	725	739	694	657	579	631	528	588	600	602	665	750
20—40 - - -	189	161	152	177	198	181	196	194	179	207	183	188	193
40—60 - - -	224	192	207	186	177	208	195	215	209	216	240	230	242
60—80 - - -	222	176	191	175	174	178	196	196	221	227	250	274	252
at 80 years & upwds.	26	39	20	29	32	34	43	46	40	58	46	46	62
Deaths of children { Under 1 year -	461	439	440	432	404	349	329	272	314	299	315	307	358
{ 1—5 - - -	239	209	211	166	176	158	214	170	167	196	193	236	281
{ 5—20 - - -	78	77	88	96	77	72	88	86	107	105	94	122	111
Deaths from 7 principal Zymotic Diseases } - - -	315	300	346	260	259	182	226	190	174	153	195	214	241
" " Small-pox - - -	22	20	21	11	20	8	10	10	13	14	14	8	14
" " Measles - - -	51	43	49	29	17	23	23	22	16	23	33	36	67
" " Scarlet fever - -	15	21	24	24	26	17	38	30	49	38	50	68	64
" " Diphtheria - - -	8	6	12	2	5	7	7	8	4	2	11	9	6
" " Whooping-cough -	21	29	18	17	19	19	32	18	18	21	10	21	28
" " Typhus fever - - -	2	2	1	1	5	2	3	2	2	3	3	5	3
" " Enteric (or Typhoid) fever -	13	10	20	14	12	17	23	24	17	15	21	36	32
" " Simple Cont ^d fever -	7	3	7	4	1	2	4	5	3	1	5	6	4
" " Diarrhoea - - -	176	166	194	158	154	87	86	71	52	36	48	25	23
" " Simple Cholera - -	8	5	3	7	7	6	1	2	2	1	1	-	1
" " Dis. of Respiratory Organs -	144	117	125	124	108	111	152	159	174	257	259	297	371
" " Phthisis - - -	166	129	141	151	148	154	146	158	148	163	149	151	159
" " Heart Diseases - -	81	66	66	61	71	69	82	67	71	84	89	79	63
Violent Deaths - - -	49	38	44	58	48	48	39	40	52	47	51	47	56
Inquest Cases - - -	99	66	75	89	79	92	74	74	81	83	93	91	99
Deaths in Public Institutions	239	220	221	218	227	217	245	235	241	266	264	235	276
TEMPERATURE OF THE AIR:													
Mean - - - - -	63·3	62·5	63·7	62·0	59·5	53·5	58·9	51·1	48·5	48·5	48·1	46·7	49·7
Mean of Highest readings -	76·5	73·5	76·3	73·0	69·6	65·2	67·0	59·8	60·5	62·2	56·2	57·9	56·4
Mean of Lowest readings -	53·8	54·6	55·0	53·6	53·1	44·3	53·3	44·6	40·1	36·1	40·9	37·5	43·6
Mean Temperature of the Water of the Thames -	66·2	65·8	66·3	66·7	64·3	61·3	59·5	58·7	55·3	54·4	52·7	51·5	-
Humidity of the Air - - -	69	72	74	70	76	72	78	81	86	79	77	72	87
Rain-fall in inches - - -	0·09	0·71	0·01	1·67	0·42	0·78	0·16	0·16	0·03	0·00	0·33	0·13	1·24
Registered Sunshine (in hours)	46·6	34·6	39·1	41·5	37·8	37·7	11·2	20·8	19·7	33·3	18·0	35·0	10·8

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., L.L.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereith, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-THIRD Week of the Year 1877.

Average in the Forty-third Weeks of the 10 years 1867-76.*	In the Week ending Saturday, October 27, 1877.								CAUSES OF DEATH.	Average in the Forty-third Weeks of the 10 years 1867-76.*	In the Week ending Saturday, October 27, 1877.							
	Deaths of Persons of the Ages										Deaths of Persons of the Ages							
	ALL AGES.	Under 20.			40. 20 and under	60. 40 and under	80. 60 and under	80 Years and upwards.			ALL AGES.	Under 20.			40. 20 and under	60. 40 and under	80. 60 and under	80 Years and upwards.
		Mean Tem. 49°·7	0-1. 1-5.	5-20.								Mean Tem. 49°·7	0-1. 1-5.	5-20.				
46°·5	49°·7	0-1. 1-5.	5-20.	20 and under	40 and under	60 and under	80 Years and upwards.	Mean Temperature -	46°·5	49°·7	0-1. 1-5.	5-20.	20 and under	40 and under	60 and under	80 Years and upwards.		
1873·3	1499	358	281	111	193	242	252	62	9. Stricture of Intestines	·8	2	-	-	-	-	2	-	
1867·4	1497	357	281	111	193	242	252	61	10. Fistula	·5	2	-	-	1	-	1	-	
									11. Stomach Disease, &c.	6·4	4	-	-	-	1	3	-	
									12. Pancreas Disease, &c.	-	-	-	-	-	-	-	-	
									13. Hepatitis	3·3	-	-	-	-	-	-	-	
									14. Jaundice	3·5	3	1	-	-	-	2	-	
									15. Liver Disease, &c.	18·0	19	-	-	4	7	8	-	
									16. Spleen Disease, &c.	·1	-	-	-	-	-	-	-	
									ORDER 5.									
									1. Nephritis	3·6	3	-	-	-	1	1	1	
									2. Ischuria	-	-	-	-	-	-	-	-	
									3. Bright's Dis.(Nephria)	11·6	10	-	-	1	7	2	-	
									4. Diabetes	2·7	1	-	-	-	-	-	-	
									5. Calculus (Stone)	1·0	-	-	-	-	-	-	-	
									6. Cystitis	·6	3	-	-	-	1	2	2	
									7. Kidney Disease, &c.	7·9	10	2	-	-	6	2	-	
									ORDER 6.									
									1. Ovarian Dropsy	·7	3	-	-	-	2	1	-	
									2. Uterus Disease, &c.	4·1	3	-	-	-	1	2	-	
									ORDER 7.									
									1. Synovitis (Arthritis)	·1	-	-	-	-	-	-	-	
									2. Joint Disease, &c.	6·0	7	-	6	-	1	-	-	
									ORDER 8.									
									1. Phlegmon	3·6	4	-	-	2	-	2	-	
									2. Ulcer	1·4	-	-	-	-	-	-	-	
									3. Skin Disease, &c.	2·1	4	3	-	-	1	-	-	
									IV. DEVELOPMENTAL DISEASES.									
									ORDER 1.									
									1. Premature Birth	22·9	29	29	-	-	-	-	-	
									2. Cyanosis	2·1	1	1	-	-	-	-	-	
									3. Spina Bifida	1·2	-	-	-	-	-	-	-	
									4. Other Malformations	1·4	2	2	-	-	-	-	-	
									5. Teething	9·6	8	6	2	-	-	-	-	
									ORDER 2.									
									1. Paramenia	·2	-	-	-	-	-	-	-	
									2. Childbirth (see Puer- peral Fever)	6·6	4	-	-	4	-	-	-	
									ORDER 3.									
									1. Old Age	42·8	39	-	-	-	-	16	23	
									ORDER 4.									
									1. Atrophy and Debility	66·2	62	52	6	-	-	4	-	
									V. VIOLENT DEATHS, &c.									
									ORDER 1.									
									(ACCIDENT OR NEGLIGENCE.)									
									1. Fractures & Contusions	16·1	27	-	5	2	8	5	7	
									2. Wounds { Gunshot	·6	-	-	-	-	-	-	-	
									3. Burns and Scalds	4·9	5	-	2	2	-	1	-	
									4. Poison	·9	3	-	1	-	-	-	-	
									5. Drowning	4·9	2	-	-	2	-	-	-	
									6. Suffocation	7·7	12	11	1	-	-	-	-	
									7. Otherwise	2·9	2	2	-	-	-	-	-	
									ORDER 3.									
									(HOMICIDE.)									
									1. Murder & Manslaughter	1·7	-	-	-	-	-	-	-	
									ORDER 4.									
									(SUICIDE.)									
									1. Wounds { Gunshot	·3	-	-	-	-	-	-	-	
									2. Poison	1·2	-	-	-	-	-	-	-	
									3. Drowning	·7	2	-	-	-	1	-	1	
									4. Hanging	·8	1	-	-	-	-	-	-	
									5. Otherwise	1·0	2	-	-	-	2	-	-	
									ORDER 5.									
									(EXECUTION.)									
									1. Hanging	-	-	-	-	-	-	-	-	
									Violent Deaths(not classed)	1·3	-	-	-	-	-	-	-	
									Sudden Deaths (Cause unascertained)	·6	1	1	-	-	-	-	-	
									Causes not specified or ill-defined	5·3	1	-	-	-	-	-	1	

ould be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1877.

on is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, and from other Zymotic Diseases during the Week ending

REGISTRATION SUB-DISTRICTS.	Enu- me- rated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include											
				Deaths of		Deaths from									
				Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.
LONDON	3,254,260	2474	1499	358	314	14	67	64	6	28	3	32	4	23	56
WEST DISTRICTS	561,359	341	217	43	52	1	4	2	-	5	-	2	-	6	5
NORTH DISTRICTS	751,729	549	328	76	88	2	19	22	2	4	1	7	1	5	11
CENTRAL DISTRICTS	334,369	175	129	24	25	-	6	13	-	-	-	4	-	1	9
EAST DISTRICTS	639,111	510	321	91	43	1	18	13	-	9	-	7	-	5	15
SOUTH DISTRICTS	967,692	899	504	124	106	10	20	14	4	10	2	12	3	6	16
WEST DISTRICTS.															
St. Mary Paddington WH	58728	37	16	4	5	-	-	-	-	-	-	-	-	1	1
St. John Paddington H	38085	10	12	1	2	-	-	-	-	-	-	1	-	2	2
Kensington Town W	91645	60	41	6	10	-	2	-	-	2	-	-	-	-	-
Brompton H	28654	14	12	2	2	-	-	1	-	-	-	-	-	1	-
St. Peter Hammersmith	6662	3	2	-	1	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith H	36029	35	14	3	5	-	-	1	-	-	-	-	-	-	-
Fulham WwH	23350	25	15	4	3	-	1	-	-	2	-	-	-	-	-
Chelsea South HHH	26420	19	16	6	3	1	1	-	-	-	-	-	-	-	1
Chelsea North-west WHHHH	22926	16	13	-	5	-	-	-	-	-	-	1	-	-	-
Chelsea North-east	21392	8	4	1	2	-	-	-	-	-	-	-	-	1	-
Hanover Square H	18698	7	5	1	1	-	-	-	-	-	-	-	-	-	-
May Fair Ww	13358	6	6	2	2	-	-	-	-	-	-	-	-	1	-
Belgrave HH	57972	30	26	2	6	-	-	-	-	-	-	-	-	-	1
St. John Westminster HH	38478	26	10	2	2	-	-	-	-	-	-	-	-	-	-
St. Margaret Westminster WH	27781	17	12	4	2	-	-	-	-	-	-	-	-	-	-
Golden Square WH	12860	8	4	2	-	-	-	-	-	1	-	-	-	-	-
Berwick-street H	20759	7	4	2	-	-	-	-	-	-	-	-	-	-	-
St. Anne Soho HHHHH	17562	13	5	1	1	-	-	-	-	-	-	-	-	-	-
NORTH DISTRICTS.															
All Souls Marylebone HHHH	28579	15	7	2	2	-	-	-	-	-	-	-	-	-	1
Cavendish Square HH	15425	3	3	-	1	-	-	-	-	-	-	-	-	-	1
Rectory Marylebone WH	26384	19	14	2	5	-	1	-	-	-	-	1	-	-	-
St. Mary Marylebone HHH	21786	18	7	2	3	-	2	2	-	-	-	-	-	-	-
Christchurch Marylebone H	33944	17	9	2	2	-	-	-	-	-	-	-	-	-	-
St. John Marylebone H	33136	15	17	4	4	-	4	1	-	1	-	-	1	-	1
Hampstead WwHH	32281	17	7	1	1	-	-	-	-	-	-	2	-	-	-
Regent's Park Pancras	38200	21	5	1	1	-	-	1	-	-	-	-	-	-	1
Tottenham-court wHHH	29370	19	12	1	4	-	-	-	-	-	-	-	-	-	1
Gray's Inn Lane HHH	29221	24	4	1	-	-	-	-	-	-	-	-	-	1	1
Somers Town	38533	31	15	4	2	-	1	-	-	1	-	-	-	1	1
Camden Town W	17943	10	18	5	9	-	1	-	-	-	-	-	-	1	1
Kentish Town w	68198	56	41	9	18	-	1	1	-	-	-	-	-	-	1
Islington West HHH	97820	68	55	13	8	-	3	9	1	2	1	1	-	1	-
Islington East WwH	115958	105	57	18	17	-	2	4	1	-	-	1	-	2	1
Stoke Newington H	9841	10	6	-	1	-	-	-	-	-	-	1	-	-	-
Stamford Hill	6598	4	3	1	1	-	-	-	-	-	-	-	-	-	-
West Hackney	28069	30	10	5	2	-	-	2	-	-	-	-	-	-	3
Hackney WwH	50104	37	21	2	8	2	-	1	-	-	-	-	-	-	-
South Hackney	30339	30	17	3	4	-	4	1	-	-	-	1	-	-	-
CENTRAL DISTRICTS.															
St. George Bloomsbury	17853	1	4	-	2	-	1	-	-	-	-	-	-	-	1
St. Giles South WH	19109	24	9	1	4	-	-	-	-	-	-	-	-	-	-
St. Giles North	16594	10	5	2	1	-	-	-	-	-	-	-	-	-	-
Long Acre	11379	7	1	-	-	-	-	-	-	-	-	1	-	-	-
Charing Cross HH	9859	5	3	-	1	-	-	-	-	-	-	1	-	-	-
St. Mary-le-Strand	9378	3	4	-	2	-	-	1	-	-	-	-	-	-	-
St. Clement Danes H	10723	4	8	2	1	-	-	-	-	-	-	-	-	1	-
St. George-the-Martyr HHHHH	20521	12	8	1	1	-	-	-	-	-	-	-	-	-	1
St. Andrew Eastern W	13529	4	12	2	1	-	-	2	-	-	-	-	-	-	1
Saffron Hill H	9066	3	2	-	-	-	1	-	-	-	-	-	-	-	-
St. James Clerkenwell W	18917	8	10	3	1	-	-	4	-	-	-	-	-	-	1
Amwell Clerkenwell	16384	13	11	5	1	-	2	3	-	-	-	-	-	-	1
Pentonville	13337	6	2	1	-	-	-	-	-	-	-	-	-	-	-
Goswell-street	16242	8	10	2	3	-	-	-	-	-	-	2	-	-	-
Old-street H	12161	9	1	-	-	-	-	-	-	-	-	-	-	-	-
City-road HHL	18301	24	4	1	1	-	-	-	-	-	-	-	-	-	-
Whitecross-street	13792	9	1	-	-	-	-	-	-	-	-	-	-	-	1
Finsbury	10741	4	2	1	-	-	-	-	-	-	-	-	-	-	-
St. Botolph East London H	14540	4	5	1	1	-	1	-	-	-	-	-	-	-	-
Cripplegate	13638	2	1	1	-	-	-	-	-	-	-	-	-	-	3
St. Sepulchre H	7562	6	19	1	3	-	1	3	-	-	-	-	-	-	-
St. Bride W	11185	4	2	-	1	-	-	-	-	-	-	-	-	-	-
Castle Baynard	4426	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch	6270	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe	4753	3	1	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking	5764	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street H	7845	-	1	-	1	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; at the foot of next page.

WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
per 1877.

ION TS.		Enu- merated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													Deaths in Public Institutions.
					Deaths of		Deaths from										Inquest Cases.	
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.		
ts.																		
HL†		12430	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
		16545	14	5	3	-	-	-	-	-	-	-	-	-	-	-	-	
		27835	22	7	2	-	-	-	-	-	-	-	-	-	-	-	-	
		26933	31	8	1	3	1	1	-	-	-	-	-	-	-	-	-	
		43421	32	19	4	3	-	-	-	-	-	2	-	1	-	-	3	
HL†		29822	29	16	6	1	-	-	3	-	-	1	-	-	-	-	-	
		42433	52	30	12	4	-	1	-	-	-	1	-	-	-	1	5	
		26577	17	16	6	1	-	-	-	-	-	-	-	-	-	-	-	
		21272	22	8	4	-	-	-	1	-	-	1	-	-	-	-	-	
		22499	16	9	3	1	-	-	-	-	-	-	-	-	-	-	-	
		15550	10	8	4	1	-	1	-	-	-	-	-	-	1	3	1	
		11597	9	9	6	1	-	1	-	-	-	-	-	-	-	1	-	
		7322	6	28	1	3	-	1	-	-	-	-	-	-	-	7	10	
		10381	13	2	1	-	-	-	-	-	-	-	-	-	-	-	25	
		9224	1	4	-	1	-	1	-	-	-	-	-	-	-	-	-	
		17900	16	12	4	-	-	-	-	-	-	-	-	-	-	-	-	
W		21350	13	9	2	2	-	1	1	-	-	-	-	1	-	-	-	
		8802	4	3	1	1	-	-	-	-	-	-	-	-	-	-	1	
		11640	3	8	-	2	-	-	2	1	-	-	-	-	-	-	1	
		16131	4	6	1	-	-	-	1	1	-	-	-	-	-	-	-	
		29919	23	15	6	1	-	-	2	-	-	-	-	-	-	1	-	
tern	WwH-	38128	19	11	4	3	-	-	1	-	-	2	-	-	-	1	-	
ern		55024	52	29	9	5	1	-	-	2	-	2	-	-	1	1	-	
		67765	57	44	9	9	-	3	1	-	-	-	-	-	1	3	3	
		48611	42	14	2	-	-	-	1	1	-	-	-	-	-	-	8	
ts.																		
WH		14573	18	13	1	5	-	-	1	-	-	-	-	-	-	1	2	
H		15677	4	12	5	4	-	-	-	-	-	-	-	-	-	-	-	
		20421	27	10	4	2	-	-	-	-	-	-	-	-	-	1	-	
		16695	16	6	1	1	-	-	1	1	-	-	-	-	-	-	-	
		18961	12	6	1	-	-	-	-	-	-	-	-	-	-	-	-	
		23682	30	13	4	3	-	-	-	2	-	-	-	-	-	-	1	
		48248	45	43	7	10	-	1	1	-	-	2	-	1	-	-	11	
		16792	13	7	2	1	-	-	-	1	-	-	-	-	-	-	-	
W		4373	1	14	1	6	-	-	-	-	-	-	-	-	-	2	3	
		10500	11	4	2	-	-	-	-	-	-	-	-	-	-	-	11	
		16787	20	1	-	-	-	-	-	-	-	-	-	-	-	-	1	
		15709	12	6	1	1	-	-	-	-	-	-	-	-	-	-	-	
		47933	55	15	8	-	-	-	1	1	-	-	-	-	-	-	1	
		27096	20	22	4	3	-	-	2	-	-	1	-	-	-	2	2	
		14074	11	9	3	-	-	-	-	-	-	-	-	-	-	-	1	
		18465	9	7	4	-	-	-	-	-	-	-	-	-	-	-	-	
W		19492	14	16	4	2	-	-	1	1	-	-	-	-	1	1	7	
		35833	38	32	5	14	-	-	2	-	-	-	-	-	-	-	12	
		41286	37	20	5	3	1	2	1	-	-	-	-	2	-	-	-	
		31221	21	15	7	2	1	1	1	-	-	-	-	-	1	-	-	
		35435	44	33	5	7	-	-	-	-	-	-	-	-	-	-	11	
		12536	13	5	1	-	-	7	-	-	-	-	-	-	1	-	-	
		27347	23	7	1	2	-	-	-	-	-	-	-	-	-	-	-	
		54016	80	36	9	7	-	-	1	-	-	-	-	-	2	3	6	
		19783	11	8	2	2	-	-	-	-	-	-	-	-	1	1	2	
		9439	8	4	-	1	-	-	-	1	-	-	-	-	1	-	-	
		14475	8	4	1	2	-	-	-	-	-	-	-	-	-	-	-	
		4041	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
		31254	41	17	6	4	-	-	3	-	-	-	-	-	-	-	5	
		42160	44	16	6	1	1	-	-	1	-	-	-	-	1	1	-	
		38851	27	24	9	6	-	-	1	3	1	-	-	-	-	-	-	
		53714	49	19	3	2	-	-	2	-	1	1	-	-	-	3	-	
		6474	5	3	-	-	-	-	-	-	-	-	-	-	-	1	-	
		21034	16	11	5	4	-	-	-	-	-	1	-	-	1	-	-	
		19378	21	8	2	2	-	-	-	-	-	-	-	-	3	4	3	
		4539	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		16440	11	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
		11513	15	6	1	2	-	-	-	-	-	-	-	-	-	-	1	
		19065	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
		9564	3	2	-	-	-	-	-	-	-	-	-	-	-	-	2	
		17226	10	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
H		18331	24	8	2	2	-	-	1	-	-	-	-	-	1	1	-	
		13027	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
		15232	12	11	1	4	-	-	-	-	3	-	-	-	-	-	1	

USE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the

Asylum in Tottenham-court sub-district.

Kentish Town sub-district.

Use in Islington East sub-district.

Use "Hackney sub-district.

"Hoxton New Town sub-district.

"Mile End Old Town Eastern sub-dist.

of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston sub-

Private Lunatic Asylums in which paupers are received.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and
Bow sub-district.

Stepney Bow sub-district.

Poplar & Stepney Sick Asylum

Westminster Union Industrial School in Battersea sub-district.

Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-

ney, Brixton, and St. Paul Deptford sub-districts.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 27th October 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include									
						Deaths of		Deaths from							
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.
	LONDON—OUTER RING	368,414	631,381	515	253	50	76	8	6	10	1	2	5	5	7
29:1	Carshalton <i>wL</i> - - -	12228	13523	9	-	-	-	-	-	-	-	-	-	-	-
2	Epsom (<i>part of</i>) * <i>WH</i> -	9971	9145	-	1	-	-	-	-	-	-	-	-	-	-
36:1	Godstone (<i>part of</i>) * - -	2754	900	2	1	-	1	-	-	-	-	-	-	-	-
37:1	Croydon <i>WWH</i> - - -	20851	71319	49	22	2	5	-	5	-	-	-	2	-	1
2	Mitcham <i>WH</i> - - -	11697	12534	9	2	-	1	-	-	-	-	-	-	-	-
38:1	Wimbledon <i>HH</i> - - -	3220	9087	5	6	1	-	-	-	1	1	-	1	-	-
2	Kingston <i>WH</i> - - -	8549	27489	18	10	1	6	-	-	-	-	-	-	1	-
3	Esher (<i>part of</i>) * - - -	6601	7853	2	1	-	1	-	-	-	-	-	-	-	-
4	Hampton - - -	4573	10185	14	8	1	5	-	-	-	-	-	-	2	-
39:1	Richmond <i>WH</i> - - -	2271	16829	11	4	1	-	-	-	-	-	-	1	-	-
2	Mortlake - - -	2961	9316	10	3	-	1	-	-	-	-	-	-	-	-
40:1	Bromley (<i>part of</i>) * <i>HH</i> -	15669	19509	24	6	-	3	-	-	1	-	-	-	-	-
2	Chislehurst (<i>part of</i>) * <i>W</i> -	13665	10028	11	7	2	3	-	-	-	-	-	-	-	-
41:1	Bexley <i>H</i> - - -	13439	19566	12	7	2	3	-	-	1	-	-	-	-	-
123:1	Sunbury <i>W</i> - - -	11055	9860	3	3	1	2	-	-	-	-	-	-	-	-
2	Staines <i>W</i> - - -	13277	10339	6	-	-	-	-	-	-	-	-	-	-	-
124:1	Hillingdon <i>WH</i> - - -	6029	9712	7	6	3	-	-	-	-	-	-	-	-	-
2	Uxbridge - - -	6178	5329	-	1	-	1	-	-	-	-	-	-	-	-
3	Hayes <i>WL</i> - - -	14587	10497	4	5	-	2	-	-	-	-	-	-	-	-
125:1	Isleworth <i>W</i> - - -	7008	19930	11	3	1	1	-	-	-	-	-	-	-	-
2	Twickenham - - -	2477	10533	7	5	1	2	-	-	-	-	-	-	-	-
3	Brentford <i>HL</i> - - -	4370	20279	10	7	2	3	-	-	-	-	-	-	-	1
4	Chiswick - - -	1311	8508	12	7	2	2	-	-	-	-	-	-	-	-
5	Acton <i>WH</i> - - -	6087	12683	15	2	2	-	-	-	-	-	-	-	-	-
126:1	Harrow <i>H</i> - - -	13309	10869	5	2	-	1	-	-	-	-	-	-	-	-
2	Edgware - - -	6994	3450	2	2	1	-	-	1	-	-	-	-	-	-
3	Willesden - - -	4383	15869	10	5	1	-	-	-	1	-	-	-	-	-
4	Hendon <i>WH</i> - - -	8382	6972	10	1	-	-	-	-	-	-	-	-	-	-
127:1	South Mimms - - -	15419	5924	3	1	-	1	-	-	-	-	-	-	1	-
2	Barnet <i>W</i> - - -	5423	7752	7	6	-	2	-	-	1	-	-	-	-	-
3	Finchley <i>L</i> - - -	4688	11493	5	9	-	3	-	-	-	-	-	-	-	-
128:1	Hornsey <i>H</i> - - -	3039	19357	22	8	3	3	-	-	-	-	-	-	-	1
2	Tottenham <i>H</i> - - -	4642	22869	16	15	3	7	-	-	1	-	1	-	-	1
3	Edmonton <i>WW</i> - - -	7483	13860	17	10	1	3	-	-	1	-	1	-	-	-
4	Enfield <i>WH</i> - - -	12653	16054	15	7	-	4	-	-	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	8	1	1	-	-	-	-	-	-	-	-	-
6	Cheshunt - - -	8493	7518	3	4	-	1	-	-	-	-	-	-	1	-
134:1	Hatfield (<i>part of</i>) * - -	3180	559	-	1	-	1	-	-	-	-	-	-	-	-
136:1	Bushey - - -	9028	6472	2	-	-	-	-	-	-	-	-	-	-	-
185:1	Stratford - - -	882	23286	29	13	3	3	-	-	-	-	-	-	-	1
2	West Ham <i>WWWW</i> - - -	7345	44642	61	30	10	2	8	-	3	-	-	1	-	1
3	Leyton <i>WW</i> - - -	4274	15513	20	7	1	2	-	-	-	-	-	-	-	-
4	Walthamstow <i>H</i> - - -	6619	15701	11	9	1	1	-	-	-	-	-	-	-	1
186:1	Chigwell (<i>part of</i>) * <i>H</i> -	10483	8169	6	1	1	-	-	-	-	-	-	-	-	-
188:1	Romford (<i>part of</i>) * - -	6730	2879	2	3	2	-	-	-	-	-	-	-	-	-
2	Ilford - - -	8492	5947	4	1	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	11	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 29:2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36:1, the two parishes of Waringham and Farley in the sub-district; 38:3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40:1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40:2, the whole of the Chislehurst sub-district, except the parish of Chislehurst (pop. 134:1, only the parish of Northaw in Hatfield sub-district; 186:1, the whole of the Chigwell sub-district, except the parish of Thundersley (pop. 798); 188:1, only the parish of Dagenham in Romford sub-district.

EATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 27th October 1877.

Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											Deaths in Public Institutions.
		From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from									
					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.		
446,494	4,367,547	20·9	3·3	1752	408	390	22	73	74	7	30	44	28	63	300	
78,080	3,533,484	22·1	3·5	1499	358	314	14	67	64	6	28	39	23	56	276	
368,414	834,063	15·8	2·3	253	50	76	8	6	10	1	2	5	5	7	24	

The Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 78,080 acres are foreshore and tidal water; its area is, therefore, 122 square miles, equal to the square of a little more than a circle of 6·23 miles radius.

Table 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES.

	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
-	429,535	September 22	-	273	33·1	Fevers 78; cholera 25.
-	644,405	" 25	-	679	54·8	Remittent fever 215; cholera 33.
-	397,552	" 7	348	828	108·3	Small-pox 41; dysentery 207; cholera 63.
-	1,988,806	October 25	-	849	22·2	Typhoid fever 32; diphtheria 26.
-	67,829	" 20	22	23	17·7	—
-	188,609	" 20	99	70	21·0	—
-	289,981	" 13	228	114	20·0	Whooping-cough 4.
-	136,231	" 13	106	69	26·2	—
-	104,095	" 13	86	30	15·0	Scarlet fever 3.
-	215,000	" 23	132	88	21·4	Whooping-cough 3.
-	146,845	" 13	-	88	31·2	Scarlet fever 9.
-	79,000	" 20	60	31	20·4	Scarlet fever 2; whooping-cough 5.
GH	669,741	September 29	-	386	30·0	Sm.-pox 4; scarlet fev. 9; typhus & typhd fev. 19
-	997,269	October 6	838	520	27·0	Scarlet fever 23; typhus and typhoid fever 30.
(te)	393,588	" 6	326	185	24·5	Whooping - cough 7; typhus 2.
-	202,295	" 13	146	87	22·1	Small - pox 2; scarlet fever 2.
-	246,813	" 20	203	133	26·9	—
-	209,000	" 20	182	130	31·0	Typhoid fever 9; diphtheria and croup 4.
-	714,548	" 20	503	297	21·6	Small-pox 5; diphtheria 24.
-	315,401	" 13	249	215	35·4	Typhus 8; diphtheria 7; scarlet fever 3.
-	278,099	" 13	-	-	-	—
-	454,948	September 30	-	200	22·9	Typhoid fever 2.
-	223,488	October 6	121	102	23·4	Typhoid fever and typhus 9.
-	139,796	" 20	72	71	26·4	—
-	212,034	" 11	173	202	49·7	Diphtheria 2; whooping-cough 11.
-	1,077,228	September 29	-	522	25·2	Scarlet fever 13; diphtheria 25.
-	527,830	" 29	-	220	21·7	Scarlet fever 12; diphtheria 11.
-	850,856	October 6	-	256	15·7	Typhoid fever 13; diphtheria 10.
-	363,000	September 29	-	173	24·7	Typhoid fever 7; diphtheria 5.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PRINTED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

[77. VOL. XXXVIII.] WEEK ENDING SATURDAY, NOVEMBER 3. [Price 1½d.]

*General Register Office, Somerset House,
5th November, 1877.*

UNITED KINGDOM.

Last week 6205 *births* and 3438 *deaths* were registered in LONDON AND TWENTY-TWO OTHER LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2767. The mortality from all causes was at the average rate of 18·3 deaths annually in every 1000 persons living. The annual death-rate was 18·3 per 1000 in Edinburgh, 21 in Glasgow, and 27 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS ranged in order from the lowest, were as follow:—Nottingham 11, Portsmouth 12, Brighton 18, Newcastle 18, Hull 19, Leeds 20, Leicester 20, Sunderland 21, Bradford 21, London 21, Salford 22, Norwich 22, Sheffield 23, Bristol 23, Manchester 24, Birmingham 25, Wolverhampton 28, Oldham 28, Bolton 33. The annual death-rate from the seven principal zymotic diseases was 18·3 per 1000 in the twenty towns, and ranged from 0·8 in Portsmouth, to 33 in Birmingham. The fatal cases of small-pox in the twenty towns were 11, 9 occurred in London, one in Liverpool, and one in Bradford.

The annual rate of mortality during last week in the borough of Salford is calculated on a new estimate of its present population, based upon the rate of increase of houses on the rate books of the borough during the six years ending 1876, derived from a return with which the Registrar-General has been supplied by the Mayor and Town Council of Salford.

LONDON.

LONDON 2667 BIRTHS and 1447 DEATHS were registered. Allowing for the natural increase of population, the births exceeded by 163, while the deaths were 118 below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the six previous weeks had steadily ranged from 17·4 to 22·1, declined last week to 21·4.

The 1447 deaths included 9 from small-pox, 47 from measles, 82 from scarlet fever, 24 from diphtheria, 24 from whooping-cough, 39 from different forms of typhoid fever, 19 from diarrhoea; thus to the seven principal diseases of the zymotic class 214 deaths were referred, against 214 and 241 in the two preceding weeks. The 1447 deaths were 36 below the corrected average, and were equal to an annual rate of 3·4 per 1000. The 82 fatal cases of scarlet fever showed a further increase upon the numbers in recent weeks, exceeded those in any week since 1876, and included 25 in the North group of districts; 15 occurred in Islington, 6 in Clerkenwell, 5 in St. Luke's, 4 in Shoreditch, 5 in Bethnal Green, 4 in Mile End Old Town. The Metropolitan Asylum Hospitals and the London Fever Hospital contained 175 scarlet fever patients on Saturday last, against 144 at the end of the two previous weeks. The 47 deaths from measles exceeded the number in the previous week, but included 6 in Kensington, 5 in Islington, and 5 in Stepney. The 24 fatal cases of whooping-cough were 14 above the corrected average; 3 were returned in Islington. The 39 deaths from typhoid fever corresponded with the numbers in the previous week, and were equal to the corrected weekly average; 4 were certified as typhus, 31 as enteric fever, and 4 as simple continued fever. Of the 4 deaths from typhus, one occurred at 129, Good Street, Chelsea; one at 129, Eastfield Street, Stepney; one at 15, Poplar; and the fourth at 3, East Row, Deptford. The 31 deaths from enteric fever included 2 in Belgrave, 3 in Pancras, 4 in Islington, 6 in Clerkenwell, including 3 cases in the Metropolitan Asylum Fever Hospital admitted from different parts of the metropolis, 2 in Shoreditch, 2 in Bermondsey, and 3 in Islington, of which one was a hospital case admitted from Drury Court. The fever cases in the Metropolitan Asylum Hospitals and the London Fever Hospital had 140 on Saturday, from 114 and 123 on the two previous Saturdays.

The deaths from small-pox, which had been 8 and 14 in the two previous weeks, were 9 last week, of which 6 occurred in the Metropolitan Asylum Hospitals, one in the Highgate Small-pox Hospital, and 2 in private dwellings in Islington and South Hackney. Two of the deceased hospital patients had resided in Bow, 2 in Wandsworth, one in Chelsea, one in Hackney, and one in Bury St. Edmunds. Five of the fatal cases of small-pox were certified as unvaccinated, 3 as vaccinated (including 2 described as "imperfectly vaccinated"), and one was "not stated" as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which in the four preceding weeks had risen from 137 to 177, further increased to 189 during last week; the cases admitted were 43, against 42 and 64 in the two previous weeks. The Highgate Hospital contained 24 patients on Saturday last; at the end of the two previous weeks they were 19 and 21, respectively.

The deaths referred to diseases of the respiratory organs, which in the nine preceding weeks had steadily increased from 108 to 371, declined last week to 335, and all but corresponded with the corrected weekly average; 195 resulted from bronchitis, and 99 from pneumonia.

The death of the wife of a grocer, aged 24 years, in Kentish Town, on 26th October, was referred to hydrophobia, making the fourteenth fatal case of this disease registered in London since the beginning of the year, the corrected average annual number being but four.

Different forms of violence caused 46 deaths; 41 were the result of negligence or accident, including 19 from fractures and contusions, 4 from burns and scalds, 2 from drowning, and 10 of infants under one year of age from suffocation. The 19 deaths from fractures and contusions were thus caused:—male aged 31, run over by a wagon; male 14, run over by a van; male 51, fell from a van; male 49, run over on railway; male 21, jammed between trucks on railway; male 33, fell from a brake-van; females 57, 45 (intox.), fell down stairs; male 45, fell from a house; male 36, fell down ship's hold; female 79, pushed down in street; female 66, fractured thigh from fall; male 1, fell from a table; female 1, fell from a chair; male 54, by fall of a plank on him; male 22, by fall of a box on him; male 32, injury by kick of a horse; male 41, struck by the handle of a revolving winch; male 18, hand crushed by a crane. An inquest was held in each of these 19 cases.

GREATER LONDON.

In Greater London 3202 births and 1663 deaths were registered, equal to annual rates of 38·3 and 19·9 per 1000 of the population. In the Outer Ring, 4 deaths from small-pox, 3 from scarlet fever, and one from enteric fever were returned in West Ham. Three fatal cases of scarlet fever were recorded at the Marylebone Workhouse schools at Southall.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 32, Bombay 55, Madras 114; Paris 20; Geneva 15; Brussels 20; Amsterdam 21, Rotterdam 20, The Hague 17; Copenhagen 19, Stockholm 26; Christiania 24; St. Petersburg 29; Berlin 27, Hamburg 22, Dresden 26, Breslau 22, Munich 32; Vienna 23; Buda-Pesth 31, Rome 23, Naples 24, Turin 21, Venice 29; Alexandria 50; New York 25, Brooklyn 20, Philadelphia 15, and Boston 20.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·88 in.; the lowest reading was 29·44 in. on Monday evening, and the highest 30·24 in. on Thursday afternoon. The mean temperature of the *air* was 49°·1, and 2°·8 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed an excess on each day of the week except Saturday, when it was 45°·0 and 0°·8 below the average; on Tuesday the mean was 54°·1, and was 7°·6 above the average. The lowest night temperature was 36°·7 on Saturday, and the highest day temperature in the shade 61°·9 on Tuesday; the extreme range in the week was, therefore, 25°·2. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in *vacuo* placed on the grass, was 103°·7 on Tuesday. The difference between the mean *dew-point* and *air* temperature averaged 6°·1. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 50°·7. The mean degree of *humidity* of the air was 80, complete saturation being represented by 100; the air was therefore of an average dryness. The general direction of the *wind* was South-west, and the horizontal movement of the air averaged 14·6 miles per hour, which was 3·3 above the average in the corresponding week of 16 years. *Rain* fell on three days of the week to the aggregate amount of 0·04 of an inch. The duration of registered sunshine in the week was 19·2 hours, the sun being above the horizon during 67·6 hours; the recorded duration of sunshine was, therefore, equal to 28·4 per cent. of its possible duration.

BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 3rd November 1877.

Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 3rd November 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
			BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.		In Inches.	In Centimetres.
212,881	8,166,734	38·4	6205	3438	63·4	33·8	49·2	9·55	0·66	1·68
75,362	3,533,484	46·9	2667	1447	61·9	36·7	49·1	9·50	0·04	0·10
2,354	102,264	43·4	73	35	59·1	39·4	48·8	9·34	0·39	0·99
4,486	127,144	28·3	86	39	59·6	42·0	50·6	10·34	-	-
7,472	84,028	11·2	67	36	59·5	42·8	49·7	9·83	0·98	2·49
1,395	72,911	52·3	47	46	60·0	42·0	51·2	10·67	0·81	2·06
4,452	202,950	45·6	147	90	61·0	37·5	49·2	9·55	0·85	2·16
3,396	73,389	21·6	62	39	59·0	33·8	46·0	7·78	0·42	1·07
8,400	377,436	44·9	343	187	-	-	-	-	-	-
3,200	117,461	36·7	95	45	60·0	37·8	48·4	9·11	0·85	2·16
1,996	95,025	47·6	55	20	59·2	37·3	48·0	8·89	0·81	2·06
5,210	527,083	101·2	397	244	62·2	42·4	49·7	9·83	0·53	1·47
4,293	350,213	83·7	232	171	-	-	-	-	-	-
5,170	162,978	31·5	127	69	58·8	38·8	48·4	9·11	0·82	2·03
4,606	89,796	19·2	63	49	-	-	-	-	-	-
7,220	179,315	24·8	131	72	58·6	43·0	49·4	9·63	1·17	2·97
21,572	298,189	13·8	226	114	61·0	42·0	50·4	10·22	0·84	2·16
19,651	282,130	14·4	236	122	58·5	40·0	48·9	9·39	0·86	2·18
3,635	140,002	38·5	110	51	57·0	39·0	47·7	8·72	0·53	1·35
3,306	110,382	33·4	101	43	60·0	42·0	50·4	10·22	0·23	0·58
5,371	142,231	26·5	123	49	-	-	-	-	-	-
4,191	218,729	52·2	144	85	57·0	39·7	49·2	9·55	0·54	1·37
6,033	555,933	92·1	405	223	57·0	41·2	49·8	9·89	0·73	1·85
10,050	314,666	31·3	208	162	63·4	35·2	50·5	10·28	0·37	0·94

* Meteorological Observers in the several towns, see note at foot of Table 4.

† English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by the and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Salford, however, this rule, as the estimate is based upon the rate of increase of inhabited houses within the borough during 1st July 1877. The population of Dublin is taken as stationary at the number enumerated in April 1871.

BIRTHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 100,000 persons, and in DUBLIN, during the Week ending Saturday the 3rd November 1877.

ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
			Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.		
21·9	3·3	2968	750	542	11	79	146	14	69	67	57	106	186	422
21·4	3·4	1447	342	277	9	47	82	9	24	39	19	46	92	259
17·9	1·0	33	3	6	-	-	-	-	1	1	-	-	-	5
16·0	0·8	39	6	14	-	-	-	-	2	-	-	-	-	4
22·4	3·7	36	7	11	-	-	3	-	-	-	3	-	3	4
32·9	3·6	46	10	10	-	-	-	3	1	-	1	8	8	6
23·1	2·6	90	21	19	-	2	1	-	1	4	2	2	5	12
27·7	2·8	39	12	7	-	-	4	-	-	-	-	-	1	3
25·9	4·4	187	62	25	-	9	11	-	6	2	4	11	16	18
20·0	3·1	45	7	11	-	-	2	-	1	3	1	4	6	3
11·0	1·1	20	1	4	-	-	2	-	-	-	-	1	2	6
21·2	4·1	244	56	44	1	7	16	-	15	1	1	11	12	31
24·8	3·1	171	42	27	-	2	8	-	-	7	4	3	14	30
22·1	3·2	69	25	8	-	1	2	-	2	1	4	4	4	3
28·5	1·7	40	13	7	-	-	2	-	-	-	1	1	1	2
21·0	3·2	72	26	6	1	-	4	-	2	1	3	4	8	9
20·0	3·7	114	31	15	-	6	1	1	7	1	5	3	5	9
22·6	4·1	122	37	26	-	4	6	-	2	6	4	1	1	9
19·0	1·9	51	20	8	-	1	-	-	-	-	4	4	4	2
20·3	1·0	43	13	12	-	-	1	-	-	-	1	1	2	3
18·0	2·9	49	16	5	-	-	1	1	5	1	-	2	2	1
26·9	4·0	162	27	20	-	14	3	-	-	2	5	2	6	33

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the FORTY-FOURTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2095	2342	2293	2198	2143	2291	2470	2579	2374	2613	2339·8	2667
Males . .	1041	1180	1177	1145	1122	1205	1263	1331	1193	1334	1199·1	1396
Females .	1054	1162	1116	1053	1021	1086	1207	1248	1181	1279	1140·7	1271
TOTAL Deaths	1196	1521	1772	1843	1400	1306	1653	1445	1583	1403	1462·2	1447
Males . .	597	777	890	703	679	677	867	751	811	732	748·4	776
Females .	599	744	882	640	721	629	786	694	772	671	713·8	671

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867-76 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Aug. 11.	Aug. 18.	Aug. 25.	Sept. 1.	Sept. 8.	Sept. 15.	Sept. 22.	Sept. 29.	Oct. 6.	Oct. 13.	Oct. 20.	Oct. 27.	Nov. 3.
TOTAL Deaths - - -	1293	1309	1261	1238	1180	1261	1179	1237	1308	1321	1403	1499	1447
0—20 - - -	725	738	694	657	579	631	528	588	600	602	665	750	757
20—40 - - -	161	152	177	198	181	196	194	179	207	183	188	193	216
40—60 - - -	192	208	186	177	208	195	215	209	216	240	230	242	227
60—80 - - -	176	191	175	174	178	196	196	221	227	250	274	252	221
at 80 years & upwds.	39	20	29	32	34	43	46	40	58	46	46	62	46
Deaths of children { Under 1 year -	439	440	432	404	349	329	272	314	299	315	307	358	349
{ 1—5 - - -	209	210	166	176	153	214	170	167	196	193	236	281	268
{ 5—20 - - -	77	88	96	77	72	88	86	107	105	94	122	111	117
Deaths from 7 principal Zymotic Diseases }	300	346	260	259	182	226	190	174	153	195	214	241	229
„ „ Smallpox - - -	20	21	11	20	8	10	10	13	14	14	8	14	9
„ „ Measles - - -	43	49	29	17	23	23	22	16	23	33	36	67	45
„ „ Scarlet Fever -	21	24	24	26	17	38	30	49	38	50	68	64	80
„ „ Diphtheria - -	6	12	2	5	7	7	8	4	2	11	9	6	6
„ „ Whooping-cough -	29	18	17	19	19	32	18	18	21	10	21	28	24
„ „ Typhus fever - -	2	1	1	5	2	3	2	2	3	3	5	3	4
„ „ Enteric (or Typhoid) fever - }	10	20	14	12	17	23	24	17	15	21	36	32	31
„ „ Simple Cont'd fever -	3	7	4	1	2	4	5	3	1	5	6	4	4
„ „ Diarrhoea - - -	166	194	158	154	87	86	71	52	36	48	25	23	19
„ „ Simple Cholera -	5	3	7	7	6	1	2	2	1	1	-	1	-
„ „ Dis. of Respiratory Organs - }	117	125	124	108	111	152	159	174	257	259	297	371	337
„ „ Phthisis - - -	129	141	151	148	154	146	158	148	163	149	151	159	153
„ „ Heart Diseases -	66	66	61	71	69	82	67	71	84	89	79	63	61
Violent Deaths - - -	38	44	58	48	48	39	40	52	47	51	47	56	46
Inquest Cases - - -	66	75	89	79	92	74	74	81	83	93	91	99	92
Deaths in Public Institutions	220	221	218	227	217	245	235	241	266	264	235	276	239
TEMPERATURE OF THE AIR:													
Mean - - -	62·5	63·7	62·0	59·5	53·5	58·9	51·1	48·5	48·5	48·1	46·7	49·7	49·0
Mean of Highest readings -	73·5	76·3	73·0	69·6	65·2	67·0	59·8	60·5	62·2	56·2	57·9	56·4	56·0
Mean of Lowest readings -	54·6	55·0	53·6	53·1	44·3	53·3	44·6	40·1	36·1	40·9	37·5	43·6	42·0
Mean Temperature of the Water of the Thames - }	65·8	66·3	66·7	64·3	61·3	59·5	58·7	55·3	54·4	52·7	51·5	-	50·7
Humidity of the Air - - -	72	74	70	76	72	78	81	86	79	77	72	87	80
Rain-fall in inches - - -	0·71	0·01	1·67	0·42	0·78	0·16	0·16	0·03	0·00	0·33	0·13	1·24	0·04
Registered Sunshine (in hours)	34·6	39·1	41·5	37·8	37·7	11·2	20·8	19·7	33·3	18·0	35·0	10·8	19·5

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-FOURTH Week of the Year 1877.

Average in the Forty-fourth Weeks of the 10 years 1867-76.*	In the Week ending Saturday, November 3, 1877.								Average in the Forty-fourth Weeks of the 10 years 1867-76.*	In the Week ending Saturday, November 3, 1877.							
	Deaths of Persons of the Ages									Deaths of Persons of the Ages							
	ALL AGES.	Under 20.			40. 20 and under 40.	60. 40 and under 60.	80. 60 and under 80.	80 Years and upwards.		ALL AGES.	Under 20.			40. 20 and under 40.	60. 40 and under 60.	80. 60 and under 80.	80 Years and upwards.
		Mean Tem.	1. 0-1.	5. 1-5.							20. 5-20.	Mean Tem.	1. 0-1.					5. 1-5.	20. 5-20.
46°4	49°1	0	1	5	20	40	60	80	46°4	49°1	0	1	5	20	40	60	80
1462·2	1447	342	268	117	216	227	231	46									
1454·4	1443	341	267	116	215	227	231	46									
14·9	9	1	3	3	1	-	1	-									
36·4	47	10	34	3	-	-	-	-									
92·0	82	2	55	25	-	-	-	-									
7·7	9	2	3	4	-	-	-	-									
·6	2	2	-	-	-	-	-	-									
11·8	10	2	8	-	-	-	-	-									
35·3	24	13	11	-	-	-	-	-									
38·4	4	-	-	2	1	1	-	-									
	31	-	-	11	14	6	-	-									
9·5	13	5	-	-	1	5	1	1									
4·9	5	-	-	-	5	-	-	-									
·6	1	-	-	-	-	1	-	-									
·6	2	-	-	-	1	1	-	-									
22·8	19	14	3	1	-	-	1	-									
·6	-	-	-	-	-	-	-	-									
·1	1	-	-	1	-	-	-	-									
10·0	9	-	-	3	4	1	1	-									
·2	-	-	-	-	-	-	-	-									
9·9	7	5	1	-	-	1	-	-									
1·5	3	-	-	-	-	2	1	-									
·2	1	-	-	-	1	-	-	-									
·3	-	-	-	-	-	-	-	-									
10·6	4	4	-	-	-	-	-	-									
1·7	3	1	2	-	-	-	-	-									
1·6	1	-	-	-	-	1	-	-									
1·5	1	-	-	-	-	1	-	-									
4·0	2	2	-	-	-	-	-	-									
·3	-	-	-	-	-	-	-	-									
2·3	7	-	-	-	-	2	4	1									
11·4	5	1	-	1	-	-	2	1									
34·9	31	-	-	-	2	11	16	2									
·7	-	-	-	-	-	-	-	-									
4·0	2	-	-	-	-	1	1	-									
7·3	5	1	3	1	-	-	-	-									
24·8	28	17	10	-	1	-	-	-									
167·0	158	4	5	14	78	52	5	-									
21·9	23	10	8	4	1	-	-	-									
14·4	21	4	5	6	4	2	-	-									
39·2	35	2	2	2	4	9	15	1									
28·4	25	-	-	-	2	5	16	2									
1·9	-	-	-	-	-	-	-	-									
·1	-	-	-	-	-	-	-	-									
6·2	12	1	1	2	4	1	3	-									
48·2	46	39	7	-	-	-	-	-									
18·7	29	1	2	3	3	10	10	-									
3·5	5	-	-	2	1	2	-	-									
2·7	3	-	-	-	1	2	-	-									
71·1	83	1	2	9	15	20	32	4									
5·6	6	2	2	1	-	-	-	1									
189·8	195	60	55	2	7	23	39	9									
2·9	8	-	1	1	3	2	1	-									
90·8	99	26	20	4	16	23	8	2									
8·4	8	-	1	-	-	2	5	-									
17·0	19	10	2	2	2	2	1	-									
1·8	2	-	-	-	-	2	-	-									
4·8	11	5	1	-	2	-	3	-									
6·1	3	-	-	-	1	2	-	-									
2·3	1	1	-	-	-	-	-	-									
3·1	2	-	-	-	1	1	-	-									
3·0	3	-	-	-	-	-	1	2									
3·3	5	-	-	-	-	-	5	-									
1·3	2	-	-	-	1	-	1	-									
CAUSES OF DEATH.									CAUSES OF DEATH.								
Mean Temperature -									Mean Temperature -								
9. Stricture of Intestines									9. Stricture of Intestines								
10. Fistula									10. Fistula								
11. Stomach Disease, &c.									11. Stomach Disease, &c.								
12. Pancreas Disease, &c.									12. Pancreas Disease, &c.								
13. Hepatitis									13. Hepatitis								
14. Jaundice									14. Jaundice								
15. Liver Disease, &c.									15. Liver Disease, &c.								
16. Spleen Disease, &c.									16. Spleen Disease, &c.								
ORDER 5.									ORDER 5.								
1. Nephritis									1. Nephritis								
2. Ischuria									2. Ischuria								
3. Bright's Dis.(Nephria)									3. Bright's Dis.(Nephria)								
4. Diabetes									4. Diabetes								
5. Calculus (Stone)									5. Calculus (Stone)								
6. Cystitis									6. Cystitis								
7. Kidney Disease, &c.									7. Kidney Disease, &c.								
ORDER 6.									ORDER 6.								
1. Ovarian Dropsy									1. Ovarian Dropsy								
2. Uterus Disease, &c.									2. Uterus Disease, &c.								
ORDER 7.									ORDER 7.								
1. Synovitis (Arthritis)									1. Synovitis (Arthritis)								
2. Joint Disease, &c.									2. Joint Disease, &c.								
ORDER 8.									ORDER 8.								
1. Phlegmon									1. Phlegmon								
2. Ulcer									2. Ulcer								
3. Skin Disease, &c.									3. Skin Disease, &c.								
IV. DEVELOPMENTAL DISEASES.									IV. DEVELOPMENTAL DISEASES.								
ORDER 1.									ORDER 1.								
1. Premature Birth									1. Premature Birth								
2. Cyanosis									2. Cyanosis								
3. Spina Bifida									3. Spina Bifida								
4. Other Malformations									4. Other Malformations								
5. Teething									5. Teething								
ORDER 2.									ORDER 2.								
1. Paramenia									1. Paramenia								
2. Childbirth (see Puer- peral Fever)									2. Childbirth (see Puer- peral Fever)								
ORDER 3.									ORDER 3.								
1. Old Age									1. Old Age								
ORDER 4.									ORDER 4.								
1. Atrophy and Debility									1. Atrophy and Debility								
V. VIOLENT DEATHS, &c.									V. VIOLENT DEATHS, &c.								
ORDER 1.									ORDER 1.								
(ACCIDENT OR NEGLIGENCE.)									(ACCIDENT OR NEGLIGENCE.)								
1. Fractures & Contusions									1. Fractures & Contusions								
2. Wounds { Gunshot Cut, Stab }									2. Wounds { Gunshot Cut, Stab }								
3. Burns and Scalds									3. Burns and Scalds								
4. Poison									4. Poison								
5. Drowning									5. Drowning								
6. Suffocation									6. Suffocation								
7. Otherwise									7. Otherwise								
ORDER 3.									ORDER 3.								
(HOMICIDE.)									(HOMICIDE.)								
1. Murder & Manslaughter									1. Murder & Manslaughter								
ORDER 4.									ORDER 4.								
SUICIDE.)									SUICIDE.)								
1. Wounds { Gunshot Cut, Stab }									1. Wounds { Gunshot Cut, Stab }								
2. Poison									2. Poison								
3. Drowning									3. Drowning								
4. Hanging									4. Hanging								
5. Otherwise									5. Otherwise								
ORDER 5.									ORDER 5.								
(EXECUTION.)									(EXECUTION.)								
1. Hanging									1. Hanging								
Violent Deaths(not classed)									Violent Deaths(not classed)								
Sudden Deaths (Cause unascertained)									Sudden Deaths (Cause unascertained)								
Causes not specified or ill-defined									Causes not specified or ill-defined								

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, TYPHUS, ENTERIC (OR TYPHOID) FEVER, SIMPLE CONTINUED FEVER, DIARRHŒA, and VIOLENCE during the Week ending

REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include											
				Deaths of		Deaths from									
				Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhœa.	Violence.
LONDON	3,254,260	2667	1447	342	277	9	47	82	9	24	4	31	4	19	46
WEST DISTRICTS	561,359	453	213	50	51	-	12	9	-	3	1	3	1	2	7
NORTH DISTRICTS	751,729	559	349	89	65	5	12	25	3	7	-	13	-	6	13
CENTRAL DISTRICTS	334,369	192	137	39	19	-	2	15	1	1	-	3	-	1	1
EAST DISTRICTS	639,111	562	319	56	55	-	12	19	2	5	2	6	-	5	13
SOUTH DISTRICTS	967,692	901	429	108	87	4	9	14	3	8	1	6	3	5	12
WEST DISTRICTS.															
St. Mary Paddington WH - - -	58728	48	20	4	7	-	1	2	-	1	-	-	-	-	-
St. John Paddington H - - -	38085	16	7	1	3	-	1	-	-	-	-	-	-	-	1
Kensington Town W - - -	91645	90	40	11	7	-	6	1	-	-	-	-	-	-	1
Brompton H - - -	28654	25	11	3	5	-	-	-	-	-	-	-	-	-	-
St. Peter Hammersmith - - -	6662	6	1	-	1	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith H - -	36029	55	16	6	2	-	1	2	-	-	-	-	-	-	2
Fulham WwH - - -	23350	27	9	1	2	-	-	1	-	-	-	-	-	-	-
Chelsea South HHH - - -	26420	23	11	2	1	-	-	-	-	-	1	-	-	1	-
Chelsea North-west WHHHH -	22926	26	18	3	5	-	-	-	-	-	-	-	-	-	1
Chelsea North-east - - -	21392	13	6	2	-	-	-	-	-	1	-	-	-	-	1
Hanover Square H - - -	18698	5	4	-	2	-	-	-	-	-	-	-	-	-	-
May Fair WW - - -	13358	3	3	1	-	-	-	-	-	-	-	-	-	-	-
Belgrave HH - - -	57972	37	23	5	5	-	1	-	-	-	-	2	-	-	2
St. John Westminster HH - -	38478	26	13	4	2	-	1	2	-	-	-	-	-	-	1
St. Margaret Westminster WH -	27781	20	10	1	3	-	-	-	-	-	-	1	-	-	-
Golden Square WH - - -	12860	4	4	2	1	-	-	-	-	1	-	-	-	-	-
Berwick-street H - - -	20759	15	9	3	2	-	1	1	-	-	-	-	1	-	-
St. Anne Soho HHHHH - - -	17562	11	8	1	3	-	-	-	-	-	-	-	-	-	-
NORTH DISTRICTS.															
All Souls Marylebone HHHH -	23579	19	11	1	2	-	-	-	-	-	-	-	-	-	1
Cavendish Square HH - - -	15425	6	3	1	1	-	-	-	-	-	-	-	-	1	-
Rectory Marylebone WH - - -	26384	20	13	3	3	-	-	-	1	-	-	-	-	-	-
St. Mary Marylebone HHH - -	21786	15	4	1	1	-	-	-	-	-	-	-	-	-	-
Christchurch Marylebone H - -	33944	23	15	5	3	-	1	2	-	-	-	-	-	1	1
St. John Marylebone H - - -	33136	15	18	4	7	-	2	-	-	1	-	-	-	-	-
Hampstead WwHH - - -	32281	23	12	2	3	-	1	1	-	-	-	-	-	-	1
Regent's Park Pancras - - -	38200	27	11	3	2	-	-	-	-	2	-	-	-	-	-
Tottenham-court wHHH - - -	29370	20	22	4	4	-	-	1	-	-	-	1	-	-	3
Gray's Inn Lane HHH - - -	29221	20	8	2	-	-	-	-	1	-	-	-	-	1	-
Somers Town - - -	38533	19	12	4	-	-	-	-	-	-	-	-	-	-	-
Camden Town W - - -	17943	23	12	2	5	-	-	-	-	-	-	2	-	1	2
Kentish Town w - - -	68198	50	39	11	6	-	-	3	-	-	-	-	-	1	1
Islington West HHH - - -	97820	70	64	18	3	2	4	13	-	2	-	4	-	1	1
Islington East WwWH - - -	115953	98	49	12	12	-	3	2	-	1	-	-	-	-	1
Stoke Newington H - - -	9841	17	2	1	-	-	-	-	-	-	-	-	-	-	1
Stamford Hill - - -	6598	5	2	-	1	-	-	-	-	-	-	-	-	-	-
West Hackney - - -	23069	32	13	3	3	-	-	1	-	1	-	1	-	-	1
Hackney WwWHL - - -	50104	31	25	9	2	2	1	1	-	-	-	4	-	1	1
South Hackney - - -	30339	26	14	3	2	1	-	1	1	-	-	1	-	-	-
CENTRAL DISTRICTS.															
St. George Bloomsbury - - -	17853	7	2	1	-	-	1	-	-	-	-	-	-	-	-
St. Giles South WH - - -	19109	19	6	3	-	-	-	-	-	-	-	-	-	-	-
St. Giles North - - -	16594	7	2	1	1	-	-	-	-	-	-	-	-	-	-
Long Acre - - -	11379	6	2	1	-	-	-	-	-	-	-	-	-	-	-
Charing Cross HH - - -	9859	1	10	2	3	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand - - -	9378	4	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes H - - -	10723	6	6	1	-	-	-	1	-	-	-	-	-	-	-
St. George-the-Martyr HHHHH -	20521	7	9	2	-	-	-	1	-	-	-	1	-	-	-
St. Andrew Eastern W - - -	13529	5	7	2	-	-	-	-	-	-	-	-	-	-	-
Saffron Hill H - - -	9066	6	1	-	-	-	-	1	-	-	-	-	-	-	-
St. James Clerkenwell W - -	18917	14	14	3	3	-	-	4	-	-	-	-	-	-	-
Amwell Clerkenwell - - -	16884	20	16	3	1	-	-	2	-	-	-	1	-	-	-
Pentonville - - -	13337	11	1	1	-	-	-	-	-	-	-	-	-	-	-
Goswell-street - - -	16242	13	7	3	1	-	1	-	-	1	-	-	-	-	-
Old-street H - - -	12161	9	8	3	2	-	-	2	-	-	-	-	-	-	-
City-road HHL - - -	18301	23	10	3	2	-	-	2	-	-	-	-	-	-	-
Whitecross-street - - -	13792	6	8	5	-	-	-	1	-	-	-	-	-	1	1
Finsbury - - -	10741	6	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph East London H -	14540	4	6	-	2	-	-	-	-	-	-	-	-	-	-
Cripplegate - - -	13638	5	2	1	1	-	-	-	-	-	-	1	-	-	-
St. Sepulchre H - - -	7562	3	12	2	1	-	-	1	-	-	-	-	-	-	-
St. Bride W - - -	11185	5	4	1	-	-	-	-	1	-	-	-	-	-	-
Castle Baynard - - -	4426	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - -	6270	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - -	4753	-	1	1	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - -	5764	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street H - - -	7845	2	2	-	2	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, &c. &c. at the foot of next page.

RIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
ember 1877.

DISTRICTS.		Enu- merated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
					Deaths of		Deaths from											
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.		
DISTRICTS.																		
HL†		12430	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
		16545	13	6	1	-	-	-	-	-	-	-	-	-	-	-	-	
		27835	22	11	2	5	-	-	1	-	-	-	-	-	-	-	6	
		26933	25	13	2	1	-	-	2	-	-	-	-	-	-	1	-	
		43421	37	17	1	8	-	-	1	-	-	-	-	-	-	-	5	
WHL†		29822	24	10	2	1	-	-	2	-	1	-	-	-	-	-	1	
		42433	58	21	2	7	-	1	2	-	-	-	-	-	-	-	7	
		26577	25	9	1	2	-	-	-	-	-	-	-	-	-	-	-	
		21272	14	9	2	-	-	-	1	-	-	-	-	-	1	2	-	
W		22499	17	6	1	-	-	-	-	-	-	-	-	-	-	-	1	
		15550	9	5	2	-	-	-	-	-	-	-	-	-	-	-	-	
		11597	11	1	-	-	-	-	-	-	-	-	-	-	1	2	2	
		7322	2	22	2	4	-	-	-	-	-	-	-	-	-	-	-	
		10381	6	2	-	-	-	-	1	-	-	-	-	1	6	7	17	
		9224	7	6	-	2	-	-	-	-	-	-	-	-	-	2	-	
East		17900	19	9	2	-	-	1	-	-	-	-	1	-	-	-	-	
East		21350	22	13	4	-	-	-	-	-	-	-	-	-	-	-	-	
East W		8802	7	8	1	-	-	2	-	-	-	-	-	-	1	-	-	
		11640	5	9	1	1	-	2	1	-	-	-	-	1	1	1	3	
		16131	13	5	2	-	-	-	-	-	-	-	-	-	-	-	-	
		29919	14	17	4	1	-	3	1	1	1	1	-	1	-	1	-	
Western		38128	33	10	-	3	-	-	1	1	-	-	-	1	-	-	-	
Western WvWvH		55024	52	41	10	10	-	-	4	-	1	-	1	1	-	1	6	
		67765	70	46	9	7	-	3	1	-	-	-	-	-	2	2	15	
		48611	51	22	5	3	-	-	1	-	1	1	-	-	1	1	-	
DISTRICTS.																		
Wk WH		14573	8	10	1	3	-	-	-	-	-	-	-	-	-	1	5	
H		15677	12	4	1	1	-	1	-	-	-	-	-	-	-	-	-	
		20421	23	11	3	4	-	-	-	-	-	-	-	-	-	2	-	
		16695	8	10	2	1	-	-	-	-	-	-	-	-	-	-	-	
		18961	10	10	1	1	-	-	-	-	1	-	-	-	-	1	-	
		23682	17	8	2	-	-	-	1	-	-	-	-	-	-	1	-	
		48248	63	33	10	5	-	-	2	-	1	-	-	1	1	1	6	
		16792	19	4	2	-	-	-	-	-	-	-	-	1	-	-	-	
W		4373	1	15	-	3	-	-	-	-	-	-	-	1	5	5	11	
		10500	8	3	1	-	-	-	1	-	-	-	-	-	-	-	-	
		16787	12	4	1	-	-	-	-	-	-	-	-	-	-	-	-	
		16709	19	12	1	5	-	-	-	-	-	-	1	-	-	-	4	
		47933	62	19	6	2	-	-	-	-	2	-	1	-	-	1	-	
		27096	34	16	9	4	-	1	1	-	-	-	-	-	1	1	-	
		14074	15	8	3	1	-	-	1	-	-	-	-	-	1	1	-	
		18465	11	3	1	1	-	-	-	-	-	-	-	-	-	1	-	
		19492	19	14	4	3	-	-	-	-	-	-	-	-	1	1	6	
WW		35833	37	25	6	4	-	-	-	-	1	-	1	-	1	1	7	
		41286	33	18	8	3	-	1	1	-	-	-	-	-	1	1	-	
		31221	20	9	3	5	-	1	-	-	-	-	-	-	-	-	-	
		85485	42	17	4	-	4	2	-	1	-	2	-	-	-	-	6	
		12536	8	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
		27347	26	9	4	3	-	-	1	-	1	-	-	-	-	-	-	
		54016	70	25	5	4	-	1	1	-	-	1	-	-	-	1	2	
		19783	23	4	1	1	-	-	-	-	-	-	-	-	-	-	2	
		9439	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
		14475	8	5	1	2	-	-	-	-	-	-	-	-	1	1	-	
		4041	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		31264	31	28	5	8	-	1	3	-	-	-	-	1	-	-	13	
		42160	48	17	4	5	-	-	-	1	-	-	-	-	-	-	-	
		33851	40	16	4	2	-	1	-	-	-	-	-	1	-	-	-	
		53714	47	19	4	5	-	-	1	-	-	-	-	-	-	-	-	
		6474	6	4	1	-	-	-	-	-	1	-	-	-	-	-	-	
		21034	14	5	2	1	-	-	-	-	-	-	-	-	-	-	-	
		19378	10	10	2	2	-	-	-	-	-	-	-	1	-	-	9	
		4539	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
		16440	12	4	2	-	-	-	1	-	-	-	-	-	-	-	-	
		11613	11	5	1	2	-	-	-	-	-	-	-	-	-	-	1	
		19065	17	8	1	3	-	-	-	-	-	-	-	-	-	-	-	
H		9584	4	2	1	-	-	-	-	-	-	-	1	-	-	-	-	
		17226	11	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
		18331	16	6	-	1	-	-	-	1	-	-	-	-	-	-	-	
		13027	12	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
		15232	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

HOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the

Asylum in Tottenham-court sub-district.
 " Kentish Town sub-district.
 " use in Islington East sub-district.
 " Hackney sub-district.
 " Hoxton New Town sub district.
 " Mile End Old Town Eastern sub-dist.
 " of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston
 † Private Lunatic Asylums in which paupers are received.
 London City Workhouse in { Mile End Old Town Eastern sub-dist. and
 " Bow sub-district.
 Stepney " Bow sub-district.
 Poplar & Stepney Sick Asylum " " "
 Westminster Union Industrial School in " Battersea sub-district."
 Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-
 ney, Brixton, and St. Paul Deptford sub-districts.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 3rd November 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Un- known Causes.
	LONDON—OUTER RING	368,414	631,381	535	216	45	57	4	5	14	2	1	3	2	7	13
29: 1	Carshalton <i>wL</i> - - -	12228	13523	10	5	1	1	-	-	-	-	-	-	-	-	-
2	Epsom (<i>part of</i>) * <i>WH</i> -	9971	9145	9	1	-	1	-	-	-	-	-	-	-	-	-
36: 1	Godstone (<i>part of</i>) * - -	2754	900	1	-	-	-	-	-	-	-	-	-	-	-	-
37: 1	Croydon <i>WWH</i> - - -	20851	71319	61	23	6	3	-	3	2	-	-	-	-	1	3
2	Mitcham <i>WH</i> - - -	11697	12534	8	4	1	1	-	-	-	1	-	-	-	-	-
38: 1	Wimbledon <i>HH</i> - - -	3220	9087	9	2	-	1	-	-	-	-	-	-	-	-	-
2	Kingston <i>WH</i> - - -	8549	27489	22	10	1	2	-	-	-	-	-	-	1	-	-
3	Esher (<i>part of</i>) * - - -	6601	7353	9	5	2	1	-	-	2	-	-	-	-	-	-
4	Hampton - - -	4573	10185	7	1	-	-	-	-	-	-	-	-	-	-	-
39: 1	Richmond <i>WH</i> - - -	2271	16829	11	4	-	4	-	-	-	-	-	-	-	-	-
2	Mortlake - - -	2961	9816	5	-	-	-	-	-	-	-	-	-	-	-	-
40: 1	Bromley (<i>part of</i>) * <i>HH</i> -	15669	19509	15	6	1	2	-	-	-	-	-	1	-	-	-
2	Chislehurst (<i>part of</i>) * <i>W</i> -	13665	10028	7	3	-	-	-	-	-	-	-	-	-	-	-
41: 1	Bexley <i>H</i> - - -	13439	19566	19	4	1	-	-	-	1	-	-	-	-	-	-
123: 1	Sunbury <i>W</i> - - -	11055	9860	7	1	-	1	-	-	-	-	-	-	-	-	-
2	Staines <i>W</i> - - -	13277	10339	9	1	1	-	-	-	-	-	-	-	-	-	-
124: 1	Hillingdon <i>WH</i> - - -	6029	9712	9	4	1	3	-	-	-	-	-	-	-	1	1
2	Uxbridge - - -	6178	5329	4	1	-	-	-	-	-	-	-	-	-	-	-
3	Hayes <i>WL</i> - - -	14587	10497	6	5	-	-	-	-	3	-	-	-	-	-	-
125: 1	Isleworth <i>W</i> - - -	7008	19930	10	12	1	4	-	-	-	-	-	-	-	1	3
2	Twickenham - - -	2477	10533	13	4	-	1	-	-	-	-	-	-	-	-	-
3	Brentford <i>HL</i> - - -	4370	20279	19	5	-	3	-	-	-	-	-	-	-	-	-
4	Chiswick - - -	1311	8508	16	-	-	-	-	-	-	-	-	-	-	-	-
5	Aeton <i>WH</i> - - -	6087	12683	17	3	2	1	-	-	-	-	-	-	-	-	-
126: 1	Harrow <i>H</i> - - -	13809	10869	6	6	2	2	-	-	-	-	-	-	-	1	2
2	Edgware - - -	6994	3450	3	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - -	4383	15869	22	8	3	1	-	1	1	-	-	-	-	-	-
4	Hendon <i>WH</i> - - -	8382	6972	7	2	-	1	-	-	-	-	-	-	-	-	-
127: 1	South Mimms - - -	15419	5924	-	3	-	2	-	-	-	-	-	-	-	-	-
2	Barnet <i>W</i> - - -	5423	7752	5	-	-	-	-	-	-	-	-	-	-	-	-
3	Finchley <i>L</i> - - -	4638	11493	8	3	-	-	-	-	-	-	-	-	-	-	-
128: 1	Hornsey <i>H</i> - - -	3039	19357	17	8	4	1	-	-	-	-	-	-	-	1	1
2	Tottenham <i>H</i> - - -	4642	22869	16	11	2	5	-	-	1	-	-	-	-	-	-
3	Edmonton <i>WW</i> - - -	7483	13360	9	6	1	3	-	-	-	-	-	-	-	-	-
4	Enfield <i>WH</i> - - -	12653	16054	3	2	1	-	-	-	-	-	-	1	-	-	-
5	Waltham Abbey - - -	11017	5197	2	1	-	1	-	-	-	-	-	-	-	-	-
6	Cheshunt - - -	8493	7518	5	4	1	2	-	-	-	-	-	-	-	-	-
134: 1	Hatfield (<i>part of</i>) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-
136: 1	Bushey - - -	9028	6472	7	4	3	-	-	-	-	-	-	-	-	1	1
135: 1	Stratford - - -	882	23286	25	7	2	1	-	1	-	-	1	-	-	1	2
2	West Ham <i>WWWW</i> - - -	7345	44642	49	27	5	2	4	-	3	-	-	1	-	-	-
3	Leyton <i>WW</i> - - -	4274	15513	14	2	-	1	-	-	1	-	-	-	-	-	-
4	Walthamstow <i>H</i> - - -	6619	15701	15	13	1	6	-	-	-	1	-	-	-	-	-
136: 1	Chigwell (<i>part of</i>) * <i>H</i> -	10433	8169	5	4	2	-	-	-	-	-	-	-	1	-	-
138: 1	Romford (<i>part of</i>) * - -	6730	2879	3	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - -	8492	5947	3	-	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	8	1	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warlingham and Farley in Havering sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chislehurst (pop. 1744); 134: 1, only the parish of Northaw in Hatfield sub-district; 136: 1, the whole of the Chigwell sub-district, except the parish of Theydon (pop. 798); 138: 1, only the parish of Dagenham in Romford sub-district.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 3rd NOVEMBER, 1877.
[Under the Superintendence of the Astronomer Royal.]

MOON.		BARO-METER.		READINGS OF THERMOMETERS.							DIFFERENCE				WIND.					RAIN.					
Phases of Moon.	MONTH AND DAY.	Mean daily reading (corrected and reduced to 32 deg. Fahr. height).	in.	Dry.			Dew Point.	Highest in the sun, as shown by a self-registering thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering thermometer with blackened bulb in vacuo, placed on the meter.	In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between Dew Point and Air Temperature.		Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*		As deduced from Anemometers.		Robinson's.	Collected in a Gauge whose receiving surface is 5 in. above the ground.						
				High-est.	Low-est.	Range in day.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Least.	Great-est.	Least.	Great-est.	General Direction.	Pressure on square foot.	Amount of Horizontal Movement of Air of each day.			Depart-ure from Average of 16 years.					
OCTOBER.																									
SUN.	28	29.937	56.9	43.7	13.2	48.6	42.9	91.1	37.3	50.3	48.7	5.7	12.2	0.9	0	+ 1.9	WSW. & W. S. & SSW.	1.5	0.0	0.1	294	+ 34	0.00	1.5	
MON.	29	29.530	58.4	44.1	14.3	52.1	50.1	59.8	39.9	51.3	49.3	2.0	4.0	0.0	0	+ 5.5	SSW. SW. & WSW.	9.0	0.0	1.3	449	+ 186	0.02	10.5	
TUES.	30	29.596	61.9	46.8	15.1	54.1	49.7	103.7	40.0	51.8	50.1	4.4	9.1	1.0	0	+ 7.6	WSW. & SW. W.	8.0	0.0	1.2	495	+ 225	0.00	2.4	
WED.	31	30.030	57.3	47.7	9.6	50.8	39.5	92.2	39.8	51.9	50.3	11.3	15.0	7.1	0	+ 4.4	W. & WSW. SW. & WSW.	8.0	0.0	1.3	490	+ 214	0.00	3.1	
THURS.	1	30.230	54.7	39.0	15.7	46.3	39.8	80.4	35.5	51.9	50.3	6.5	12.4	1.8	0	+ 0.1	W. & WSW. NW. & SW.	1.1	0.0	0.1	260	- 18	0.00	0.0	
FRI.	2	29.927	55.0	36.8	18.2	46.9	41.0	90.6	30.0	51.9	50.3	5.9	12.6	1.9	0	+ 0.9	SSW. & S. WSW. & NW. & SW.	2.2	0.0	0.1	204	- 73	0.01	2.0	
SAT.	3	29.913	52.9	36.7	16.2	45.0	38.1	79.3	27.5	51.7	50.3	6.9	12.0	3.9	0	- 0.8	WSW. & NW. & SW.	1.8	0.0	0.1	253	- 18	0.01	0.0	
MEANS .		29.880	56.7	42.1	14.6	49.1	43.0	85.3	35.7	51.5	49.9	6.1	11.0	2.4	0	+ 2.8	SW.	..	..	..	Sum 2450	+ 550	Sum 0.04	2.8
No. of Col.		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PRINTED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

[77. VOL. XXXVIII.] WEEK ENDING SATURDAY, NOVEMBER 10. [Price 1½d.]

*General Register Office, Somerset House,
November 12th, 1877.*

UNITED KINGDOM.

For the last week 5930 *births* and 3462 *deaths* were registered in LONDON and TWENTY OTHER LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2468. The mortality from all causes was at the average rate of 24·6 deaths annually in every 1000 persons living. The annual death-rate per 1000 in Edinburgh, 21 in Glasgow, and 25 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS arranged in order from the lowest, were as follow:—Portsmouth 15, Hull 19, Brighton 19, Nottingham 19, Leeds 20, Sunderland 20, London 21, Plymouth 22, Bradford 23, Sheffield 23, Norwich 24, Birmingham 24, Manchester 25, Wolverhampton 26, Newcastle-upon-Tyne 26, Oldham 26. The highest rate during the week 29 in the borough of Salford, calculated on a new estimate of its population. The annual death-rate from the seven zymotic diseases averaged 3·5 per 1000 in the twenty towns, and ranged from 2·4 in Hull and Brighton, to 5·4 and 6·4 in Birmingham and Wolverhampton. The 25 fatal cases of small-pox in the twenty towns were all recorded in London. The death-rate from enteric fever was excessive in Salford, and scarlet fever showed increased fatality in Sheffield. In Wolverhampton 9 more deaths were referred to scarlet fever, making 194 which have there been registered since the beginning of the year.

LONDON.

For the week ending Saturday last 2432 BIRTHS and 1448 DEATHS were registered. Allowing for the increase of population, the births were 70, and the deaths 139, below the average in the corresponding week of the last ten years. The annual death-rate from all causes, which in the seven preceding weeks had steadily increased from 21·4 per 1000, was again 21·4 last week.

The 1448 deaths included 25 from small-pox, 62 from measles, 67 from scarlet fever, 6 from diphtheria, 15 from whooping-cough, 42 from different forms of enteric fever, and 12 from diarrhoea; thus to the seven principal diseases of the zymotic class 229 deaths were referred, against 241 and 229 in the two preceding weeks. These 229 deaths were 24 below the corrected average number for the same diseases in the corresponding week of the last ten years, and were at an annual rate of 3·4 per 1000. The 62 fatal cases of measles, exceeded the number in the previous week by 15, of which 4 occurred in Kensington, 7 in Islington, 5 in Marylebone, 10 in Islington, 4 in St. George-in-the-East, 4 in Deptford, and 6 in Deptford. The deaths from scarlet fever which had been 68, 64, and 67 in the three previous weeks, declined again to 67 last week, which included 17 in Islington, 17 in Islington, 4 in the City, and 4 in Shoreditch. The Metropolitan Asylum Hospitals and the London Fever Hospital contained 171 fever patients on Saturday last, against 154 and 175 at the end of the two preceding weeks. Of the 15 deaths from whooping-cough, 6 occurred in South London and the 6 fatal cases of diphtheria included 3 in Hackney. The deaths from enteric fever, which were 39 in each of the two previous weeks, were 42 last week, which exceeded the corrected weekly average by 3; one was certified as typhus, 1 as enteric or typhoid, and 6 as simple continued fever. The fatal case of typhus occurred at 25, Darnley Road, Hackney. The 35 deaths from enteric fever included 17 in Islington, 3 in Marylebone, 2 in Islington, 4 in Hackney, 4 in St. Bartholomew's Hospital, 4 in Shoreditch, and 2 in Bow. The fever patients in the Metropolitan Asylum Hospitals and the London Fever Hospital, which had been 140 and 140 at the end of the three previous weeks, further rose to 152 on Saturday last.

The deaths from small-pox, which had been 14 and 9 in the two previous weeks, rose this week to 25, a higher number than in any week since the end of July; 12 occurred in the Metropolitan Asylum Hospitals, 3 in the Highgate Small-pox

Hospital, and 10 in private dwellings, which included 3 in Peckham, 3 in Stepney, 2 in Mile End Old Town, one in Hackney, and one in Bermondsey. Seven of the fatal small-pox cases were certified as unvaccinated, 4 as vaccinated, and in the remaining 14 cases the medical certificates gave no information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which in the five preceding weeks had increased from 137 to 189, were 188 on Saturday last; the new cases admitted were 42, against 64 and 43 in the two previous weeks. The Highgate Hospital contained 20 patients on Saturday last; at the end of the two previous weeks the numbers were 21 and 24 respectively.

The death of the son of a cooper aged 8 years, on 24th October, in Mile End Old Town, was referred to "hydrophobia from bite of a dog eight weeks previous. Post mort. *inquest*." This raises the number of fatal cases recorded in London since the beginning of this year to 15, while the corrected average annual number during the past ten years was but four.

The deaths referred to the diseases of the respiratory organs, which had been 371 and 335 in the two previous weeks, were 338 last week, and were 51 below the corrected weekly average; 203 resulted from bronchitis, and 98 from pneumonia.

Different forms of violence caused 40 deaths; 35 were the result of negligence or accident, including 18 from fractures and contusions, 5 from burns and scalds, and 6 of infants under one year of age from suffocation. The 18 deaths from fractures and contusions were thus caused:—male aged 69, knocked down by a wagon; male 47, fell from a van; male 33, knocked down by an engine; male 52, and females 1, 4, 74, fell down stairs; male 25, fell from a roof; male 30, fell from a building; male 59, by breaking of a ladder; male 13, fell from ladder; males 15 and 23, fell from a height; male 4, fell on pavement while running; male 1, fell from mother's arms; male 60, by accidental fall; male 60, by bar of iron falling on his head; and female 73, by fractured ribs (how caused not stated). An *inquest* was held in each of these 18 cases, except the last, which was certified by a registered medical practitioner.

In the large Public Institutions 269 deaths were recorded, or 19 per cent. of the total deaths; of these 153 occurred in Workhouse Establishments, 112 in Hospitals, and 4 in Lunatic Asylums.

GREATER LONDON.

In Greater London 2995 births and 1704 deaths were registered, equal to annual rates of 35·8 and 20·4 per 1000 of the population. In the Outer Ring one death was referred to small-pox in West Ham and one in Bushey; scarlet fever caused 3 deaths in West Ham, 2 in Tottenham, and 2 in Edmonton. Two more deaths were registered at the Marylebone Workhouse Schools at Southall, of which one resulted from scarlet fever, and one from diarrhoea; these schools contained only 386 children on 1st January last, since which 22 deaths have there been registered.

Dr. Frankland reports as the result of his analysis of the waters supplied to the Metropolis, and some of its suburbs, during October, that, taking unity to represent the average amount of organic impurity in a given volume of the Kent Company's water during the last nine years, the proportional amount of such impurity in an equal volume of water supplied by each of the other Companies, and by the Tottenham Local Board, was:—Tottenham 0·5, Kent 0·6, New River 0·7, East London 1·2, Grand Junction 1·4, West Middlesex 1·6, Lambeth 1·8, Southwark 1·9, Chelsea 2·3, and Colne Valley 4·2. The river water supplied to London during October was of unusually good quality, and that derived from the Thames was fully equal to that usually obtained from the Lea; while the Lea water, supplied by the New River and East London Companies, was, in chemical purity, equal to deep well water. All the river waters were efficiently filtered before delivery. The Colne Valley Company's water was "exceptionally contaminated with organic matter of vegetable origin;" it was, however, the only Metropolitan water which was softened previously to delivery.

Dr. Hill reports that the water supplied to Birmingham was clear, and that its proportion of organic carbon and nitrogen showed a marked diminution. The Glasgow water, derived from Loch Katrine, was reported by Dr. Mills to have contained "muddy particles and fibres," although its general quality was superior to that of the water supplied during the preceding month.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Bombay was 50, Madras 101; Paris 23; Geneva 23; Brussels 25;

am 23, Rotterdam 18, The Hague 22; Copenhagen 19; Stockholm
 Christiania 21; St. Petersburg 30; Berlin 24, Hamburg 21, Dresden 25;
 22, Munich 32; Vienna 24, Buda-Pesth 33; Rome 24, Turin 22,
 29; Alexandria 51; New York 22, Brooklyn 21, Philadelphia 17, and
 8.

METEOROLOGY.

Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·52 in.,
 at reading was 29·96 in. at the beginning of the week, and the lowest 29·19 in. on
 afternoon. The mean temperature of the *air* was 51°·0, and 6°·4 above the average in the
 ing week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical
 is at the Royal Observatory. The mean showed a considerable excess on each day of
 the warmest day being Tuesday, when the mean was 54°·5 and 9°·4 above the average.
 at night temperature was 33°·2 on Sunday, and the highest day temperature in the shade
 Thursday; the extreme range in the week was, therefore, 25°·5. The highest temperature
 , as shown by a self-registering thermometer with a blackened bulb in vacuo placed
 ss, was 96°·8 on Thursday. The difference between the mean *dew-point* and *air* tem-
 peraged 4°·2. The mean temperature of the water in the Thames, derived from daily
 ns taken at the "Royalist" Police ship, was 50°·6. The mean degree of *humidity* of the
 , complete saturation being represented by 100; the air was therefore of average
 The general direction of the *wind* was South-south-west, and the horizontal movement
 averaged 17·0 miles per hour, which was 5·7 above the average in the corresponding
 65 years. The amount of ozone in the air on Friday was exceptionally large, represented
 degrees. *Rain* fell on five days of the week, to the aggregate amount of 0·72 of an
 e duration of registered sunshine in the week was 12·7 hours, the sun being above
 n during 64·7 hours; the recorded duration of sunshine was, therefore, equal to 19·6
 of its possible duration.

REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES
 furnished him with the average daily quantity of Water supplied during the month of
 1877; according to their returns 122,683,192 gallons or 557,406 cubic metres of water
 about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 228 gallons
 (metres) rather more than a *ton* by weight, to each house, and 32·1 gallons (14·6 deca-
 each person, against 31·1 gallons during October 1876.

COMPANIES.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for do- mestic consumption) during the Month of	
	OCTOBER 1876.	OCTOBER 1877.	OCTOBER 1876.	OCTOBER 1877.
TOTAL SUPPLY . . .	530,183	538,021	117,228,345	122,683,192
Thames	249,648	253,253	61,013,343	61,814,324
and from other Sources . . .	280,535	284,768	56,215,002	60,868,868
THAMES.				
East Middlesex	28,737	28,859	7,702,400	8,425,200
Southwark and Vauxhall	48,481	50,016	10,143,468	9,671,577
Chelsea Junction	80,620	79,190	18,900,000	18,800,000
Lambeth	36,616	37,683	10,887,175	11,057,547
Chelsea	55,194	57,505	13,380,300	13,860,000
AND OTHER SOURCES.				
New River	124,922	126,144	25,271,000	26,919,000
East London	110,354	113,192	23,849,900	26,635,800
West London	45,259	45,432	7,094,102	7,314,068

The Return for October 1877, as compared with that for the corresponding month of 1876, shows
 an increase of 7,838 houses, and of 5,454,847 gallons of water supplied daily.

ANALYSIS OF METROPOLITAN WATER SUPPLY DURING OCTOBER.

*Royal College of Chemistry, South Kensington Museum,
 3rd November 1877.*

I HAVE to report to you in the following Table the results of the chemical analysis of
 the water supplied to the inner, and portions of the outer, circle of the Metropolis during the
 month of October.

I have also, the results obtained in the analyses of the water supplied to Birmingham and
 Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham
 and Dr. Hill of Glasgow.

The average amount of organic impurity contained in a given volume of the Kent
 water during the last nine years as unity, the proportional amount contained in
 a volume of water supplied by each of the Metropolitan Water Companies and by the
 Local Board of Health was:—Tottenham 0·5, Kent 0·6, New River 0·7, East London
 Junction 1·4, West Middlesex 1·6, Lambeth 1·8, Southwark 1·9, Chelsea 2·3, and Colne

The water supplied to London during the past month was of unusually good quality, that
 from the Thames being fully equal to what is usually obtained from the Lea, whilst the
 water delivered by the New River and East London Companies, was, on the average,

equal, in chemical purity, to deep well water. Moreover, all the river water was efficiently filtered before delivery.

The water drawn from deep wells by the Kent Company, and by the Tottenham Local Board of Health, was palatable, wholesome, and of its usual excellent quality for dietetic purposes. The Colne Valley Company's water, on the other hand, was exceptionally contaminated with organic matter of vegetable origin, and although such contamination need not excite alarm, its cause ought to be sought out and removed. This was the only Metropolitan water soft enough for washing.

Seen through a stratum two feet deep, the water supplied by the Kent, Colne Valley, and New River Companies, and by the Tottenham Local Board of Health, was clear and colourless, the remaining samples were clear and nearly colourless, except that drawn from the Southwark Company's mains, which was of a very pale yellow colour.

Dr. Hill, the Medical Officer of Health for Birmingham, reports that the water supplied to that town was "clear, and exhibited a marked diminution in the quantity of organic carbon and nitrogen."

Dr. Mills, F.R.S., of the Andersonian University, Glasgow, reports that the water supplied to that city from Loch Katrine "contained muddy particles and fibres, but its general condition was much improved since last month."

I am, &c.

E. FRANKLAND.

The Registrar General, &c. &c.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

COMPANIES OR LOCAL AUTHORITIES.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Mat- ters.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Ni- trogen, as Ni- trates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES:	°								
	Chelsea - - - { 11th October, Cab Rank, Horse Guards. }	11°0	25·96	·112	·025	0	·158	·183	1·50	17·7
	West Middlesex - { 11th October, Cab Rank, Portland-road. }	11°0	27·80	·078	·017	0	·175	·192	1·50	20·1
	Southwark and Vauxhall - - { 11th October, Cab Rank, St. George's Church, Borough. }	10°8	27·32	·087	·027	0	·210	·237	1·52	19·7
	Grand Junction - { 11th October, Lancaster-gate, Hyde Prk. }	10°3	28·04	·067	·018	0	·219	·237	1·52	20·7
	Lambeth - - - { 11th October, Cab Rank, Westminster Bridge-road. }	10°3	28·38	·091	·015	0	·256	·271	1·55	20·4
	OTHER SOURCES:									
	New River - - - { 11th October, Cab Rank, Tottenham- court-road. }	11°3	26·46	·030	·011	0	·251	·262	1·60	20·3
Outer Circle.	East London - { 11th October, Royal Hotel, Mile-End-rd. }	10°0	27·66	·055	·017	0	·161	·178	1·80	20·4
	Kent - - - { 12th October, Deptford Bridge Police Station. }	13°8	42·24	·030	·008	0	·373	·381	2·60	26·6
	Colne Valley - { 4th October, Bushey. }	12°0	12·64	·220	·029	0	·337	·366	1·42	5·0
	Tottenham Local Board - { 12th October, High Street, Tottenham. }	—	46·10	·023	·009	0	·441	·450	3·10	26·4
	Corporation of Birmingham* - - - { 9th October, 35, Mill Street, Islington. }	12°8	25·00	·137	·024	·002	·253	·278	1·9	16·2
	Corporation of Glasgow † - { 15th October, Loch Katrine service. }	10°6	3·00	·196	·004	·001	·005	·010	·6	·6
Column 1.		3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the Borough.

† Analysed by Dr. E. J. Mills, F.R.S., of the Andersonian University, Glasgow.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, all relate to 100,000 parts of the waters. The Table is to be read thus: the Chelsea Company's water, collected on October 11th at the Horse Guards cab-rank, had a temperature of 11°·0 C.; 100,000 lbs. of it contained 25·96 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·112 lb. of carbon and ·025 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·158 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·183 lb. The above weight of water also contained 1·50 lbs. of chlorine; and 17·7 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 10th November, 1877.

Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 10th November 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
			BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.		In Inches.	In Centimetres.
212,881	8,166,734	38·4	5930	3462	62·0	30·3	49·1	9·50	0·74	1·88
75,362	3,533,484	46·9	2432	1443	58·7	33·2	51·0	10·56	0·72	1·83
2,354	102,264	43·4	53	39	57·0	36·3	51·0	10·56	1·38	3·51
4,486	127,144	28·3	74	36	57·6	41·0	51·6	10·90	-	-
7,472	84,023	11·2	54	33	58·5	38·0	50·3	10·17	0·48	1·22
1,395	72,911	52·3	46	31	58·5	42·0	51·0	10·56	0·88	2·24
4,452	202,950	45·6	125	84	58·0	37·1	49·9	9·94	0·91	2·31
3,396	73,389	21·6	53	36	57·0	32·4	45·1	7·28	0·43	1·09
8,400	377,436	44·9	333	172	-	-	-	-	-	-
3,200	117,461	36·7	96	43	58·2	36·5	48·7	9·28	0·62	1·57
1,996	95,025	47·6	82	35	59·1	30·3	47·0	8·33	0·47	1·19
5,210	527,083	101·2	418	250	57·0	43·0	49·2	9·55	0·91	2·31
4,293	359,213	83·7	274	174	-	-	-	-	-	-
5,170	162,978	31·5	153	92	58·5	36·3	48·2	9·00	1·35	3·43
4,666	89,796	19·2	85	48	-	-	-	-	-	-
7,220	179,315	24·8	138	78	56·4	42·9	48·7	9·28	0·59	1·50
21,572	293,189	13·8	241	112	59·0	39·0	48·6	9·23	0·38	0·97
19,651	282,130	14·4	233	124	60·3	37·5	49·5	9·72	0·73	1·85
3,635	140,002	38·5	114	50	57·0	37·0	47·7	8·72	0·44	1·12
3,306	110,382	33·4	101	42	62·0	39·0	50·6	10·34	0·10	0·25
5,371	142,231	26·5	107	71	-	-	-	-	-	-
4,191	218,729	52·2	154	81	54·7	38·0	47·5	8·61	0·53	1·35
6,033	555,933	92·1	331	229	53·0	42·5	48·3	9·06	1·62	4·11
10,050	314,666	31·3	178	149	57·0	35·0	48·5	9·17	0·73	1·85

Meteorological Observers in the several towns, *see* note at foot of Table 4.
 The English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by the
 and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Salford, however,
 this rule, as the estimate is based upon the rate of increase of inhabited houses within the borough during
 1st July 1877. The population of Dublin is taken as stationary at the number enumerated in April 1871.

BIRTHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population
 persons, and in DUBLIN, during the Week ending Saturday, the 10th November, 1877.

ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include													
From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.		
			Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.				
22·1	3·5	3003	757	541	25	100	145	14	52	86	54	88	158	433		
21·4	3·4	1443	337	278	25	62	67	6	15	42	12	40	77	269		
19·9	1·5	39	8	12	-	1	1	-	-	-	1	-	1	1		
14·8	2·1	36	6	8	-	-	-	-	1	2	2	-	2	3		
23·6	4·4	38	10	11	-	-	2	1	-	1	3	-	2	3		
22·2	5·0	31	6	5	-	-	1	2	-	2	2	-	-	1		
21·6	3·1	84	18	23	-	5	2	-	1	1	3	6	6	15		
25·6	6·4	36	12	3	-	-	9	-	-	-	-	1	2	2		
28·8	5·4	172	50	28	-	9	9	1	10	4	6	7	11	26		
19·1	2·2	43	15	7	-	-	2	1	-	2	-	-	1	2		
19·2	2·8	35	9	7	-	-	1	-	1	3	-	2	4	3		
24·8	4·3	250	56	33	-	9	9	1	11	8	5	9	10	40		
25·3	3·5	174	41	30	-	2	11	-	2	5	4	7	13	26		
29·4	4·8	92	34	12	-	2	2	1	1	7	2	4	7	8		
27·9	4·1	48	16	4	-	1	3	-	1	1	1	2	2	-		
22·7	3·8	78	30	5	-	-	6	-	3	2	2	2	3	3		
19·6	1·8	112	34	20	-	2	2	-	3	1	2	2	7	7		
22·9	4·4	124	33	21	-	6	10	-	-	2	6	2	4	11		
18·6	1·5	50	10	9	-	-	1	1	-	2	-	-	-	5		
19·9	2·4	42	10	10	-	-	3	-	1	1	-	1	2	1		
26·1	3·7	71	17	15	-	1	4	-	2	-	3	3	4	7		
24·7	4·5	149	23	23	-	8	5	-	7	6	1	4	4	25		

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the FORTY-FIFTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2270	2145	2271	2216	2206	2462	2458	2400	2449	2510	2338·7	2432
Males . .	1187	1063	1160	1174	1091	1266	1235	1245	1251	1268	1194·0	1256
Females .	1083	1082	1111	1042	1115	1196	1223	1155	1198	1242	1144·7	1176
TOTAL Deaths	1195	1387	1689	1468	1365	1181	1832	1517	1567	1635	1483·6	1448
Males . .	643	716	841	782	705	607	926	808	782	817	762·7	758
Females .	552	671	848	686	660	574	906	709	785	818	720·9	690

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867-76, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Aug. 18.	Aug. 25.	Sept. 1.	Sept. 8.	Sept. 15.	Sept. 22.	Sept. 29.	Oct. 6.	Oct. 13.	Oct. 20.	Oct. 27.	Nov. 3.	Nov. 10.
TOTAL Deaths - - -	1309	1261	1238	1180	1261	1179	1237	1308	1321	1403	1499	1447	1448
0—20 - - -	738	694	657	579	631	528	588	600	602	665	750	727	742
20—40 - - -	152	177	198	181	196	194	179	207	183	188	193	216	196
40—60 - - -	208	186	177	208	195	215	209	216	240	230	242	227	238
60—80 - - -	191	175	174	178	196	196	221	227	250	274	252	231	233
at 80 years & upwds.	20	29	32	34	43	46	40	58	46	46	62	46	45
Deaths of children { Under 1 year -	440	432	404	349	329	272	314	299	315	307	358	342	337
{ 1—5 - - -	210	166	176	158	214	170	167	196	193	236	281	268	295
{ 5—20 - - -	88	96	77	72	88	86	107	105	94	122	111	117	110
Deaths from 7 principal Zymo- totic Diseases }	346	260	259	182	226	190	174	153	195	214	241	229	229
„ „ Small-pox - - -	21	11	20	8	10	10	13	14	14	8	14	9	25
„ „ Measles - - -	49	29	17	23	23	22	16	23	33	36	67	47	62
„ „ Scarlet fever - -	24	24	26	17	38	30	49	38	50	68	64	82	67
„ „ Diphtheria - - -	12	2	5	7	7	8	4	2	11	9	6	9	6
„ „ Whooping-cough -	18	17	19	19	32	18	18	21	10	21	28	24	15
„ „ Typhus fever - - -	1	1	5	2	3	2	2	3	3	5	3	4	1
„ „ Enteric (or Typhoid) fever -	20	14	12	17	23	24	17	15	21	36	32	31	35
„ „ Simple Contag fever -	7	4	1	2	4	5	3	1	5	6	4	4	6
„ „ Diarrhoea - - -	194	158	154	87	86	71	52	36	48	25	23	19	12
„ „ Simple Cholera - -	3	7	7	6	1	2	2	1	1	-	1	-	-
„ „ Dis. of Respiratory Organs -	125	124	108	111	152	159	174	257	259	297	371	335	338
„ „ Phthisis - - -	141	151	148	154	146	158	148	163	149	151	159	158	140
„ „ Heart Diseases - -	66	61	71	69	82	67	71	84	89	79	63	91	81
Violent Deaths - - -	44	58	48	48	39	40	52	47	51	47	56	46	40
Inquest Cases - - -	75	89	79	92	74	74	81	83	93	91	99	94	77
Deaths in Public Institutions	221	218	227	217	245	235	241	266	264	235	276	258	269
TEMPERATURE OF THE AIR:													
Mean - - -	63·7	62·0	59·5	53·5	58·9	51·1	48·5	48·5	48·1	46·7	49·7	49·1	51·0
Mean of Highest readings -	76·3	73·0	69·6	65·2	67·0	59·8	60·5	62·2	56·2	57·9	56·4	56·7	57·1
Mean of Lowest readings -	55·0	53·6	53·1	44·3	53·3	44·6	40·1	36·1	40·9	37·5	43·6	42·1	45·1
Mean Temperature of the Water of the Thames - }	66·3	66·7	64·3	61·3	59·5	58·7	55·3	54·4	52·7	51·5	-	50·7	50·6
Humidity of the Air - - -	74	70	76	72	78	81	86	79	77	72	87	80	86
Rain-fall in inches - - -	0·01	1·67	0·42	0·78	0·16	0·16	0·03	0·00	0·33	0·13	1·24	0·04	0·72
Registered Sunshine (in hours)	39·1	41·5	37·8	37·7	11·2	20·8	19·7	33·3	18·0	35·0	10·8	19·2	12·7

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-FIFTH Week of the Year 1877.

In the Week ending Saturday, November 10, 1877.										In the Week ending Saturday, November 10, 1877.									
Deaths of Persons of the Ages										Deaths of Persons of the Ages									
Average in the Forty-fifth Weeks of the 10 years 1867-76.*	ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	Average in the Forty-fifth Weeks of the 10 years 1867-76.*	ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.		
		Mean Tem.	0-1.	1-5.							5-20.	Mean Tem.	0-1.					1-5.	5-20.
42° 3	51° 0								42° 3	51° 0									
1483·6	1448	337	295	110	190	238	233	45											
1477·8	1446	336	295	110	190	237	233	45											
17·8	25	1	4	8	10	2	-	-											
36·9	62	12	45	5	-	-	-	-											
83·4	67	6	36	20	5	-	-	-											
7·7	6	-	5	1	-	-	-	-											
7·7	-	-	-	-	-	-	-	-											
12·5	14	4	8	2	-	-	-	-											
35·2	15	7	8	-	-	-	-	-											
36·8	1	-	-	1	-	-	-	-											
	35	-	4	15	14	2	-	-											
10·8	6	-	2	4	-	-	-	-											
9·6	10	4	-	-	-	2	4	-											
1·1	4	-	-	-	4	-	-	-											
7·7	1	-	-	-	-	-	1	-											
6·6	-	-	-	-	-	-	-	-											
19·0	12	6	2	-	-	1	2	1											
8·8	-	-	-	-	-	-	-	-											
3·3	-	-	-	-	-	-	-	-											
3·3	1	-	-	-	-	1	-	-											
13·7	10	-	1	3	3	-	3	-											
4·4	-	-	-	-	-	-	-	-											
8·2	9	9	-	-	-	-	-	-											
1·4	1	-	-	-	1	-	-	-											
-	1	-	-	1	-	-	-	-											
4·4	-	-	-	-	-	-	-	-											
10·1	7	7	-	-	-	-	-	-											
3·1	4	1	2	-	1	-	-	-											
1·3	-	-	-	-	-	-	-	-											
1·0	3	-	-	-	-	3	-	-											
3·0	3	3	-	-	-	-	-	-											
1·1	-	-	-	-	-	-	-	-											
2·0	1	-	-	-	-	-	1	-											
10·0	8	2	1	-	-	4	1	-											
36·0	33	-	-	-	5	12	14	2											
2·2	1	-	1	-	-	-	-	-											
2·4	2	1	-	-	-	-	1	-											
7·2	12	2	5	5	-	-	-	-											
21·7	25	12	13	-	-	-	-	-											
168·0	140	3	3	8	65	55	6	-											
22·7	35	13	20	2	-	-	-	-											
11·8	19	8	12	2	2	-	-	-											
33·8	35	2	-	1	4	10	17	1											
28·9	24	-	1	-	-	7	11	5											
2·1	3	-	-	-	-	1	2	-											
1·1	-	-	-	-	-	-	-	-											
6·7	10	-	-	-	4	3	3	-											
49·7	39	25	12	1	1	-	-	-											
16·5	25	4	1	1	2	8	9	-											
4·0	5	-	-	1	-	3	1	-											
3·2	5	-	-	-	-	3	2	-											
71·0	71	2	-	7	14	22	24	2											
6·6	9	4	4	-	-	-	1	-											
217·6	208	69	52	5	4	28	38	7											
4·4	3	-	-	-	1	2	-	-											
103·0	98	38	34	6	8	7	5	-											
10·2	5	-	-	-	1	2	2	-											
21·5	20	7	5	-	1	6	1	-											
2·6	3	1	-	-	-	-	2	-											
5·1	7	2	-	-	1	2	2	-											
4·8	7	-	-	2	2	2	1	-											
2·5	3	-	-	-	-	2	1	-											
3·4	3	-	-	1	-	-	2	-											
2·4	3	-	-	-	-	-	3	-											
2·8	4	-	-	-	1	1	2	-											
1·3	2	-	-	-	2	-	-	-											
CAUSES OF DEATH.																			
Mean Temperature																			
9. Stricture of Intestines 1·1																			
10. Fistula ·3																			
11. Stomach Disease, &c. 5·1 14 2 - - - 4 8																			
12. Pancreas Disease, &c. - - - - - - - - -																			
13. Hepatitis 4·1 3 - - - - 2 - 1																			
14. Jaundice 4·0 4 1 - - - 1 1 1																			
15. Liver Disease, &c. 17·9 27 1 - - 3 11 12																			
16. Spleen Disease, &c. ·5 - - - - - - -																			
ORDER 5.																			
1. Nephritis - - - 2·2 10 - - 2 4 2 2																			
2. Ischuria - - - ·5 1 - - - 1 - -																			
3. Bright's Dis. (Nephria) 13·3 13 - - 1 1 6 4 1																			
4. Diabetes 2·6 8 - - - 2 - 1 -																			
5. Calculus (Stone) 1·1 1 - - - - 1 - -																			
6. Cystitis - - - ·9 3 - - - 1 - 2																			
7. Kidney Disease, &c. 9·0 8 1 - - 2 4 1 -																			
ORDER 6.																			
1. Ovarian Dropsy - - ·5 - - - - - - -																			
2. Uterus Disease, &c. 4·9 3 - - - - 2 1 -																			
ORDER 7.																			
1. Synovitis (Arthritis) - ·6 1 - 1 - - - -																			
2. Joint Disease, &c. 5·5 4 - - 2 - 2 - -																			
ORDER 8.																			
1. Phlegmon - - - 3·6 1 1 - - - -																			
2. Ulcer - - - 1·1 2 - - - - 2 -																			
3. Skin Disease, &c. 1·1 1 1 - - - - -																			
IV. DEVELOPMENTAL DISEASES.																			
ORDER 1.																			
1. Premature Birth 22·4 27 27 - - - - -																			
2. Cyanosis - - - 3·1 3 3 - - - - -																			
3. Spina Bifida - - - ·9 - - - - - - -																			
4. Other Malformations - 2·1 1 1 - - - - -																			
5. Teething - - - 10·7 4 3 1 - - - - -																			
ORDER 2.																			
1. Paramenia - - - ·2 - - - - - - -																			
2. Childbirth (see Puer-} 5·7 14 - - - 11 3 - -																			
peral Fever) - - - }																			
ORDER 3.																			
1. Old Age - - - 45·0 49 - - - - 24 25																			
ORDER 4.																			
1. Atrophy and Debility 60·9 49 37 5 - - 1 6 -																			
V. VIOLENT DEATHS, &c.																			
ORDER 1.																			
(ACCIDENT, OR NEGLIGENCE.)																			
1. Fractures & Contusions 17·8 18 - 4 2 4 3 5																			
2. Wounds { Gunshot - ·3 { 1 - - - 1 - -																			
Cut, Stab - } 5 - 3 1 - 1 - -																			
3. Burns and Scalds - ·6 1 - - 1 - - -																			
4. Poison - - - 3·2 - - - - - - -																			
5. Drowning - - - 8·2 8 6 - - 1 1 -																			
6. Suffocation - - - 2·4 2 1 - - - 1 -																			
7. Otherwise - - - - - - - - -																			
ORDER 3.																			
(HOMICIDE.)																			
1. Murder & Manslaughter 1·5 1 1 - - - - -																			
ORDER 4.																			
(SUICIDE.)																			
1. Wounds { Gunshot - ·4 - - - - - - -																			
Cut, Stab - } 1·3 1 - - - - 1 - -																			
2. Poison - - - ·8 1 - - - - 1 - -																			
3. Drowning - - - 1·0 1 - - - - 1 - -																			
4. Hanging - - - ·8 2 - - - - 1 - -																			
5. Otherwise - - - ·9 - - - - - - -																			
ORDER 5.																			
(EXECUTION.)																			
1. Hanging - - - - - - - - -																			
Violent Deaths (not classed) ·8 - - - - - - -																			
Sudden Deaths (Cause unascertained) ·8 - - - - - - -																			
Causes not specified or ill-defined 5·0 2 1 - - - 1 - -																			

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, TYPHUS, ENTERIC (OR TYPHOID) FEVER, SIMPLE CONTINUED FEVER, DIARRHŒA, and VIOLENCE, during the Week ending—

REGISTRATION SUB-DISTRICTS.	Enume- rated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include												
				Deaths of		Deaths from										
				Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhœa.	Violence.	
LONDON - - -	3,254,260	2432	1448	337	278	25	62	67	6	15	1	35	6	12	40	7
WEST DISTRICTS - - -	561,859	333	221	62	51	-	11	3	-	3	-	3	1	2	11	2
NORTH DISTRICTS - - -	751,729	551	375	71	70	11	19	31	3	3	1	12	3	2	7	14
CENTRAL DISTRICTS - - -	334,369	169	142	32	23	-	3	6	1	-	-	5	-	1	5	12
EAST DISTRICTS - - -	639,111	532	315	90	40	5	14	9	-	3	-	9	1	3	8	15
SOUTH DISTRICTS - - -	967,692	847	395	82	94	9	15	18	2	6	-	6	1	4	9	12
WEST DISTRICTS.																
St. Mary Paddington WH - - -	58723	38	16	7	3	-	-	1	-	-	-	-	-	-	-	5
St. John Paddington H - - -	38085	8	18	1	4	-	-	-	-	-	-	2	-	-	-	1
Kensington Town W - - -	91645	68	40	15	9	-	4	-	-	1	-	-	-	-	-	3
Brompton H - - -	28654	11	10	4	2	-	-	-	-	-	-	-	-	-	-	-
St. Peter Hammersmith - - -	6662	2	2	1	1	-	-	-	-	1	-	-	-	-	-	1
St. Paul Hammersmith H - - -	36029	31	24	5	5	-	-	1	-	-	-	-	-	-	-	1
Fulham WwH - - -	23350	34	18	5	7	-	-	-	-	-	-	-	1	1	-	-
Chelsea South HHH - - -	26420	17	3	1	1	-	-	-	-	-	-	-	-	-	-	-
Chelsea North-west WHHHH - - -	22926	17	10	3	4	-	-	-	-	-	-	-	-	-	-	-
Chelsea North-east - - -	21392	12	6	1	2	-	-	-	-	-	-	-	-	-	-	-
Hanover Square H - - -	18693	3	3	2	1	-	-	-	-	-	-	-	-	-	-	-
May Fair WW - - -	13353	4	4	-	2	-	-	-	-	-	-	-	-	-	-	-
Belgrave HH - - -	57972	32	19	7	3	-	-	-	-	-	-	1	-	-	-	1
St. John Westminster HH - - -	38473	20	19	4	2	-	7	-	-	1	-	-	-	-	-	1
St. Margaret Westminster WH - - -	27781	10	14	2	4	-	-	1	-	-	-	-	-	-	-	-
Golden Square WH - - -	12860	7	6	2	-	-	-	-	-	-	-	-	-	-	-	-
Berwick-street H - - -	20759	9	4	-	1	-	-	-	-	-	-	-	-	-	-	1
St. Anne Soho HHHHH - - -	17562	10	5	2	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DISTRICTS.																
All Souls Marylebone HHHH - - -	23579	18	13	-	3	-	1	-	-	-	-	1	-	-	-	-
Cavendish Square HH - - -	15425	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone WH - - -	26384	13	18	4	5	-	-	-	-	-	-	2	-	1	-	-
St. Mary Marylebone HHH - - -	21786	22	3	-	1	-	-	-	-	-	-	-	-	-	-	-
Christchurch Marylebone H - - -	33944	24	11	2	-	-	-	3	-	-	-	-	-	-	-	-
St. John Marylebone H - - -	33136	20	12	5	2	-	4	-	-	-	-	-	-	-	-	-
Hampstead WwHH - - -	32281	10	17	3	6	1	-	-	-	1	-	1	-	-	-	-
Regent's Park Pancras - - -	38200	28	14	6	3	-	1	-	-	-	-	-	-	1	-	-
Tottenham-court WHH - - -	29370	10	19	1	3	-	-	-	-	-	-	-	-	-	-	1
Gray's Inn Lane HHH - - -	29221	28	16	4	3	-	-	1	-	-	-	-	-	-	-	-
Somers Town - - -	38533	19	10	3	2	-	1	1	-	-	-	-	-	-	-	-
Camden Town WH - - -	17943	14	10	1	6	-	-	-	-	1	-	-	-	2	-	-
Kentish Town w - - -	68198	52	35	5	6	-	-	5	-	-	-	-	-	-	-	-
Islington West HHH - - -	97820	76	57	10	7	3	8	10	-	1	-	1	-	-	3	4
Islington East WwWH - - -	115953	98	62	11	12	-	2	7	-	-	-	1	-	-	2	4
Stoke Newington H - - -	9841	11	7	3	2	-	-	-	-	-	-	-	-	-	-	-
Stamford Hill - - -	6598	9	6	3	-	-	-	-	-	-	-	1	-	-	-	-
West Hackney - - -	28069	27	10	2	-	-	-	-	-	-	-	1	-	-	-	-
Hackney WwWHL - - -	50104	42	40	7	7	7	1	3	2	-	1	3	1	-	1	1
South Hackney - - -	30339	26	12	1	2	-	1	1	1	-	-	1	-	-	-	-
CENTRAL DISTRICTS.																
St. George Bloomsbury - - -	17853	12	7	2	1	-	-	-	1	-	-	-	-	-	-	-
St. Giles South WH - - -	19109	7	9	3	4	-	-	-	-	-	-	-	-	-	-	1
St. Giles North - - -	16594	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Long Acre - - -	11379	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Charing Cross HH - - -	9859	3	4	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand - - -	9378	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes H - - -	10723	2	6	1	2	-	-	-	-	-	-	-	-	-	-	-
St. George-the-Martyr HHHHH - - -	20521	7	10	2	2	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Eastern W - - -	13529	4	9	-	4	-	-	1	-	-	-	-	-	-	-	-
Saffron Hill H - - -	9066	5	3	1	-	-	-	-	-	-	-	1	-	-	-	1
St. James Clerkenwell W - - -	18917	19	15	3	3	-	-	1	-	-	-	-	-	1	1	-
Amwell Clerkenwell - - -	16384	7	6	3	-	-	-	-	-	-	-	-	-	-	-	-
Pentonville - - -	13337	8	5	1	1	-	-	-	-	-	-	-	-	-	-	-
Goswell-street - - -	16242	16	10	2	1	-	1	-	-	-	-	-	-	-	-	-
Old-street H - - -	12161	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-
City-road HHL - - -	18301	21	7	2	-	-	1	-	-	-	-	-	-	-	-	-
Whitecross-street - - -	13792	7	4	2	-	-	-	-	-	-	-	-	-	-	-	-
Finsbury - - -	10741	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph East London H - - -	14540	5	8	-	2	-	1	2	-	-	-	-	-	-	-	-
Cripplegate - - -	13638	6	6	3	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre H - - -	7562	2	16	3	-	-	-	-	-	-	-	4	-	-	-	-
St. Bride W - - -	11185	2	3	1	-	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard - - -	4426	1	1	-	-	-	-	1	-	-	-	-	-	-	-	-
Christchurch - - -	6270	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - -	4753	4	2	1	-	-	-	1	-	-	-	-	-	-	-	-
Allhallows Barking - - -	5764	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad-street H - - -	7845	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; at the foot of next page.

IA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
ember 1877.

DISTRICT.	Enu- merated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													Inquest Cases.	Deaths in Public Institutions.
				Deaths of		Deaths from												
				Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhea.	Violence.			
ACTS.																		
HL†	12130	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	16545	9	6	1	-	-	1	-	-	-	-	-	-	-	-	-	-	
-	27835	17	14	6	3	-	-	1	-	-	-	-	-	-	-	-	4	
-	26933	29	12	5	2	-	-	1	-	-	-	-	-	-	1	1	5	
-	43421	49	22	6	4	-	-	2	-	-	-	-	1	-	-	-	-	
WILL†	29822	31	12	6	1	-	-	2	-	-	-	-	-	-	-	-	-	
-	42433	42	20	6	4	-	-	-	-	-	-	-	-	1	-	1	7	
-	26577	26	7	2	1	-	1	-	-	-	-	-	-	-	-	-	-	
-	21273	14	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
W	22499	18	8	4	1	-	-	1	-	-	-	-	-	1	-	-	-	
-	15550	16	12	2	3	-	-	-	-	-	-	-	-	-	-	-	8	
-	11597	12	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
-	7322	6	16	-	1	-	-	-	-	-	-	-	-	-	1	2	15	
-	10381	10	4	2	-	-	1	-	-	-	-	-	1	-	1	1	-	
-	9224	4	4	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
st	17900	12	8	2	-	-	1	-	-	-	-	-	-	-	-	1	1	
st	21350	13	11	3	1	-	2	-	-	-	-	-	-	-	-	1	1	
st W	8802	8	11	2	1	-	1	-	-	-	-	-	-	-	-	1	5	
-	11640	8	9	5	-	1	1	-	-	-	-	-	-	-	1	1	2	
-	16131	11	14	4	1	1	-	-	-	2	-	-	-	-	-	-	-	
-	29919	21	12	3	1	1	-	1	-	-	-	1	-	1	-	-	-	
Western	38128	24	17	6	1	2	-	-	-	1	-	1	-	-	-	1	-	
Western WwrH	55024	46	33	8	4	-	1	1	-	-	-	1	-	-	3	4	1	
-	67765	66	42	10	9	-	4	-	-	-	-	2	-	-	-	2	11	
-	48611	34	9	4	1	-	1	-	-	-	-	-	-	-	-	1	-	
ACTS.																		
WH	14573	9	5	-	2	-	1	-	-	-	-	-	-	-	-	-	1	
H	15677	10	5	2	1	-	-	-	-	-	-	-	-	-	1	1	-	
-	20421	16	8	2	-	-	-	-	-	-	-	-	-	-	-	1	-	
-	16695	14	5	2	1	-	-	-	-	-	-	-	-	-	-	1	-	
-	18961	18	7	1	1	-	-	1	-	1	-	-	-	1	-	-	1	
-	23682	10	8	2	1	-	-	1	-	-	-	-	-	-	-	-	-	
-	48248	48	20	6	3	-	-	2	1	-	-	-	-	-	-	-	6	
-	16792	20	7	-	1	-	-	-	-	-	-	-	1	-	-	-	-	
W	4873	-	8	-	1	-	-	-	-	-	-	-	-	-	2	2	8	
-	10500	8	4	1	1	-	-	1	-	-	-	-	-	-	-	-	-	
-	16787	13	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	18709	11	8	1	5	-	-	-	-	-	-	-	-	-	-	-	4	
-	47933	35	12	1	4	1	-	1	-	-	-	-	-	-	-	-	-	
-	27096	36	20	7	4	-	-	1	-	-	-	-	-	-	1	1	2	
-	14074	12	6	-	2	-	-	1	-	-	-	-	-	1	-	-	1	
-	18465	9	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
WV	19492	18	18	2	2	-	-	-	-	-	-	-	-	-	1	1	8	
-	35833	38	14	3	5	-	-	1	-	-	-	-	-	-	-	-	6	
-	41286	36	11	2	4	-	-	-	-	-	-	-	-	-	-	-	-	
-	81221	19	4	1	1	-	2	-	-	-	-	-	-	-	-	-	-	
-	35435	37	21	2	3	5	-	3	-	-	-	1	-	-	-	-	9	
-	12536	15	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
-	27347	17	10	2	7	-	-	-	-	-	-	-	-	-	-	1	1	
-	54016	75	31	7	5	-	2	2	1	-	-	1	-	1	-	3	5	
-	19783	13	8	1	5	-	-	1	-	-	-	-	-	-	-	-	1	
-	9439	6	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
-	14475	11	6	1	2	-	1	-	-	-	-	-	-	-	-	-	-	
-	4041	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	31254	28	10	1	2	-	1	1	-	-	-	-	-	-	-	-	2	
-	42160	56	28	10	6	3	1	1	-	2	-	-	-	-	-	-	-	
-	33851	32	10	3	1	-	1	-	-	-	-	-	-	-	-	-	-	
-	53714	46	24	6	2	-	5	-	-	1	-	-	-	-	-	-	-	
-	6474	5	4	1	2	-	1	-	-	-	-	-	-	-	1	1	-	
-	21034	12	5	-	2	-	-	-	-	-	-	-	-	-	-	1	-	
-	19378	17	10	2	4	-	-	-	-	-	-	1	-	1	-	-	6	
-	4539	2	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	
-	16440	15	5	1	2	-	-	1	-	-	-	-	-	-	1	1	-	
-	11513	8	2	-	1	-	-	-	-	-	-	1	-	-	-	-	-	
-	19065	18	3	1	1	-	-	-	-	-	-	1	-	-	-	-	-	
-	9564	4	4	1	-	-	-	-	-	-	-	-	-	-	-	-	1	
H	17226	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	18331	15	9	1	2	-	-	-	-	-	-	-	-	-	1	-	-	
-	13027	12	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
-	15232	13	7	1	3	-	-	-	-	-	-	-	-	-	-	-	4	

HOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the

Asylum in Tottenham-court sub-district.

Kentish Town sub-district.

Use in Islington East sub-district.

Use "Hackney" sub-district.

Use "Hoxton New Town" sub-district.

"Mile End Old Town Eastern sub-dist.

of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston sub-

† Private Lunatic Asylums in which paupers are received.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and
Bow sub-district.

Stepney Bow sub-district.

Poplar & Stepney Sick Asylum

Westminster Union Industrial School in Battersea sub-district.

Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-

ney, Brixton, and St. Paul Deptford sub-districts.

TABLE 7. LONDON — OUTER RING. — AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 10th November 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- mer- ated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include									
						Deaths of		Deaths from							
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.
	LONDON — OUTER RING	368,414	631,381	563	256	62	63	2	8	12	3	-	7	4	8
29:1	Carshalton <i>wL</i> - - -	12228	13523	10	3	-	1	-	-	-	-	-	-	-	-
2	Epsom (<i>part of</i>) * <i>WH</i> -	9971	9145	3	4	2	1	-	-	-	-	-	-	-	-
36:1	Godstone (<i>part of</i>) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-
37:1	Croydon <i>WWH</i> - - -	20851	71319	57	22	6	6	-	1	1	-	-	-	-	-
2	Mitcham <i>WH</i> - - -	11697	12534	10	2	1	1	-	1	-	-	-	-	-	1
38:1	Wimbledon <i>HH</i> - - -	3220	9087	8	2	1	-	-	-	-	-	-	-	-	-
2	Kingston <i>WH</i> - - -	8549	27489	28	9	3	1	-	-	-	-	-	1	-	1
3	Esher (<i>part of</i>) * - - -	6601	7353	5	4	2	1	-	-	-	-	-	-	-	-
4	Hampton - - -	4573	10185	13	7	1	3	-	-	-	-	-	-	-	1
39:1	Richmond <i>WH</i> - - -	2271	16829	10	4	2	1	-	-	-	-	-	-	-	-
2	Mortlake - - -	2961	9316	5	4	-	2	-	-	-	1	-	-	-	-
40:1	Bromley (<i>part of</i>) * <i>HH</i> -	15669	19509	23	4	2	1	-	-	-	-	-	-	-	-
2	Chislehurst (<i>part of</i>) * <i>W</i> -	13665	10028	8	4	-	-	-	-	-	-	-	-	-	-
41:1	Bexley <i>H</i> - - -	13439	19566	9	6	2	-	-	-	-	-	-	-	1	3
123:1	Sunbury <i>W</i> - - -	11055	9860	3	4	1	2	-	-	-	-	-	-	-	-
2	Staines <i>W</i> - - -	13277	10339	6	-	-	-	-	-	-	-	-	-	-	-
124:1	Hillingdon <i>WH</i> - - -	6029	9712	7	3	1	-	-	-	-	-	-	-	-	-
2	Uxbridge - - -	6178	5329	2	2	-	-	-	2	-	-	-	-	-	-
3	Hayes <i>WL</i> - - -	14587	10497	1	4	-	2	-	-	1	-	-	-	1	-
125:1	Isleworth <i>W</i> - - -	7008	19930	7	6	1	4	-	-	-	-	-	-	-	-
2	Twickenham - - -	2477	10533	10	2	1	-	-	-	-	-	-	-	-	-
3	Brentford <i>HL</i> - - -	4370	20279	10	10	3	2	-	1	1	-	-	-	-	-
4	Chiswick - - -	1311	8508	19	3	1	1	-	-	-	-	-	-	-	-
5	Acton <i>WH</i> - - -	6087	12683	11	4	2	1	-	-	-	-	-	-	-	-
126:1	Harrow <i>H</i> - - -	13809	10869	12	3	-	1	-	-	-	-	-	-	-	-
2	Edgware - - -	6994	3450	2	1	-	-	-	-	-	-	-	-	-	-
3	Willesden - - -	4333	15869	11	7	1	2	-	1	-	-	-	1	-	-
4	Hendon <i>WH</i> - - -	8382	6972	3	4	1	1	-	1	-	-	-	-	-	-
127:1	South Mimms - - -	15419	5924	5	2	1	-	-	-	-	-	-	1	-	-
2	Barnet <i>W</i> - - -	5423	7752	2	2	-	1	-	-	-	-	-	-	-	-
3	Finchley <i>L</i> - - -	4688	11493	7	7	1	3	-	-	-	-	-	-	-	-
128:1	Hornsey <i>H</i> - - -	3039	19357	17	9	1	2	-	-	-	1	-	-	-	-
2	Tottenham <i>H</i> - - -	4642	22869	18	12	3	4	-	-	2	-	-	-	1	-
3	Edmonton <i>WW</i> - - -	7483	13860	14	18	2	5	-	-	2	-	-	-	1	1
4	Enfield <i>WH</i> - - -	12653	16054	19	6	-	2	-	-	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	3	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - -	8493	7518	7	1	-	1	-	-	-	-	-	-	-	-
124:1	Hatfield (<i>part of</i>) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-
136:1	Bushey - - -	9028	6472	2	3	-	-	1	-	-	-	-	1	-	-
185:1	Stratford - - -	882	23286	29	14	5	3	-	-	-	1	-	1	-	1
2	West Ham <i>WWWW</i> - - -	7345	44642	78	31	12	2	1	-	3	-	-	-	-	-
3	Leyton <i>WW</i> - - -	4274	15513	17	12	-	4	-	1	-	-	-	-	-	-
4	Walthamstow <i>H</i> - - -	6619	15701	17	6	1	2	-	-	-	-	-	-	-	-
186:1	Chigwell (<i>part of</i>) * <i>H</i> -	10483	8169	16	1	-	-	-	-	1	-	-	-	-	-
188:1	Romford (<i>part of</i>) * - -	6730	2879	5	2	-	-	-	-	1	-	-	-	-	-
2	Ilford - - -	8492	5947	7	1	1	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4123	6576	7	1	1	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring area are: 29:2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36:1, the two parishes of Warlingham and Farley in the sub-district; 38:3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40:1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40:2, the whole of the Chislehurst sub-district, except the parish of Chislehurst (pop. 1798); 134:1, only the parish of Northaw in Hatfield sub-district; 186:1, the whole of the Chigwell sub-district, except the parish of Thundersley (pop. 798); 188:1, only the parish of Dagenham in Romford sub-district.

GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 10th November 1877.

	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhea.	Violence.			
N	446,494	4,367,547	20·4	3·2	1704	399	341	27	70	79	9	15	49	16	48	307		
-	78,080	3,533,484	21·4	3·4	1448	337	278	25	62	67	6	15	42	12	40	269		
-	368,414	834,063	16·0	2·3	256	62	63	2	8	12	3	-	7	4	8	38		

the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 368,414 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES.

	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
-	429,535	October 6	-	-	-	-
-	644,405	" 9	-	614	49·5	Measles 26; cholera 16.
-	397,552	September 21	-	772	100·9	Cholera 45; dysentery 173.
-	1,988,806	November 8	-	982	22·6	Typhoid fever 21; diphtheria 34.
-	67,829	" 3	25	30	23·1	-
-	173,000	" 3	98	81	24·5	Measles 3.
-	289,981	October 27	182	131	23·0	Typhoid fever 2; whooping-cough 4.
-	136,231	" 27	123	48	18·2	-
-	104,095	" 27	77	44	22·0	-
N	215,000	November 6	156	78	18·9	-
-	146,845	October 27	-	63	22·2	Scarlet fever 4.
MA	79,000	November 3	57	32	21·0	Whooping-cough 2.
BURGH	669,741	October 13	-	392	30·4	Sm.-pox 5; scarlet fev. 8; typhus & typhd. fev. 33.
-	997,269	" 20	819	456	23·6	Scarlet fev. 27; diph. 27; typhus & typhd. fev. 23.
(tate)	393,588	" 20	334	161	21·3	Whooping - cough 5; typhus 7.
-	202,295	" 27	155	97	24·6	Scarlet fever 6; diphtheria and croup 6.
-	257,000	November 3	192	107	21·6	Fevers 3.
-	215,000	" 3	159	131	32·0	Diphtheria and croup 5.
-	714,548	" 3	561	331	24·1	Small-pox 8; diphtheria 17.
-	315,401	October 27	250	203	33·4	Diphtheria 13; scarlet fever 7.
-	280,564	" 20	132	132	24·4	Small-pox 5; typhus and typhoid fever 6.
-	454,948	" 14	-	-	-	-
-	223,488	" 20	129	94	21·5	Typhus and typhoid fever 4.
-	139,796	November 3	71	79	29·4	Typhoid fever 3.
-	212,034	October 26	215	207	50·9	Whooping-cough 9.
-	1,077,228	" 13	-	465	22·4	Scarlet fever 16; diphtheria 20.
-	527,830	" 13	-	217	21·4	Scarlet fever 11; diphtheria 16.
IA	850,856	" 20	-	273	16·7	Typhoid fever 10; diphtheria 12.
-	363,000	" 13	-	126	18·0	Typhoid fever 4; diphtheria 8.

TABLE 10.---METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 10th NOVEMBER, 1877.
[Under the Superintendence of the Astronomer Royal.]

MOON.	BARO-METER.		READINGS OF THERMOMETERS.										DIFFERENCE				WIND.				RAIN.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	Phases of Moon.	Mean daily reading (corrected and reduced to 32 deg. Fahrenheit).	Dry		Dew Point.	Highest in the sun, as shown by a self-registering thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest in the Water of the Thames at Greenwich, by a self-registering Thermometers.	Between Dew Point and Air Temperature.		Between mean temperature of the day and mean temperature of the same day on an average of 40 years.*	Degree of Humidity, complete Saturation being represented by 100.	As deduced from Anemometers.				Collected in a Gauge whose surface is 5 in. above the ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
			High-est.	Low-est.				Range in day.	Mean daily value.			Mean daily value.	Oster's.		Robinson's.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
													A. M.	P. M.	General Direction.		Pressure on square foot.	Amount of Horizontal Movement of Air each day.	Depart-ure from Average of 16 years.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
1877.	MONTH AND DAY.	in.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part I, 1848. The mean daily wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873. *In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "*Royalist*," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the Resident Inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., B. Ch. Commissioner of Metropolitan Police.

For a statement of bright sunshins on each day, see an in at the printing of the week to

SKY AND ATMOSPHERE.

NOVEMBER.	4	5	6	7	8	9	10
SUNDAY	1.8	9.4	1.8	9.4	1.8	9.4	1.8
MONDAY	3.4	9.4	3.4	9.4	3.4	9.4	3.4
TUESDAY	0.0	9.3	0.0	9.3	0.0	9.3	0.0
WEDNESDAY	0.0	9.2	0.0	9.2	0.0	9.2	0.0
THURSDAY	4.9	9.2	4.9	9.2	4.9	9.2	4.9
FRIDAY	0.0	9.1	0.0	9.1	0.0	9.1	0.0
SATURDAY	2.6	9.1	2.6	9.1	2.6	9.1	2.6

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

[1877. VOL. XXXVIII.] WEEK ENDING SATURDAY, NOVEMBER 17. [Price 1½d.]

*General Register Office, Somerset House,
19th November, 1877.*

UNITED KINGDOM.

During last week 6067 *births* and 3466 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2601. The mortality from all causes was at the average rate of 22 deaths annually in every 1000 persons living. The annual death-rate per 1000 in Edinburgh, 22 in Glasgow, and 28 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS arranged in order from the lowest, were as follow:—Leicester 13, Norwich 15, Plymouth 15, Brighton 15, Nottingham 16, Hull 20, London 21, Plymouth 21, Birmingham 22, Sunderland 22, Liverpool 23, Salford 23, Bradford 25, Newcastle 25, Sheffield 26, Leeds 26, Wolverhampton 27, Manchester 28, and 35. The annual death-rate from the seven principal zymotic diseases was 3·4 per 1000 in the twenty towns, and ranged from 1·2 and 1·5 in Brighton and Brighton, to 4·7 and 7·1 in Manchester and Wolverhampton. Scarlet fever caused 6 more deaths in Wolverhampton, and fever (principally enteric) 5 in London. In London 14 fatal cases of small-pox were registered; no death from small-pox was returned in any of the nineteen other towns.

LONDON.

LONDON 2666 BIRTHS and 1435 DEATHS were registered. Allowing for the increase of population, the births exceeded by 208, whereas the deaths were 297 below the average numbers in the corresponding week of the last ten years. The death-rate from all causes, which had been equal to 21·4 per 1000 in each of the two preceding weeks, was last week 21·2.

The 1435 deaths included 14 from small-pox, 66 from measles, 61 from scarlet fever, 23 from diphtheria, 23 from whooping-cough, 28 from different forms of diarrhoea; thus to the seven principal diseases of the zymotic class 23 deaths were referred, against 229 in each of the two preceding weeks. The 23 deaths were 54 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an average rate of 3·3 per 1000. The 66 fatal cases of measles showed a further increase upon the numbers in the two previous weeks, and included 15 in the North, 18 in the East, and 18 in the South group of districts; 4 occurred in Kensington, 8 in Islington, 5 in St. George's-in-the-East, 9 in Stepney, and 4 in Hackney. The deaths from scarlet fever, which had been 82 and 67 in the two previous weeks, further declined to 61 last week, which included 18 in Islington, 7 in Hackney, 7 in Shoreditch, and 4 in Bow; three children of one family died from this disease at 21, York Row, Haggerston, on 9th and 12th inst. The Metropolitan Asylum and the London Fever Hospitals contained 144 fever patients on Saturday last, against 175 and 171 at the end of the two preceding weeks. Of the 23 deaths from whooping-cough, 8 occurred in Islington. Two fatal cases of diphtheria were returned in Kensington. The deaths from fever, which had been 39 and 42 in the two previous weeks, were 28 last week, and were 15 below the corrected weekly average; 2 were as typhus, and the remaining 26 as enteric or typhoid. The two fatal cases of typhus occurred at 45, Brenton Street, Stepney, and at 3, Market Place, Islington, Battersea. The 26 deaths from enteric fever included 2 in St. George's-in-the-East (Square), 4 in Islington, 3 in Hackney, and 2 in Haggerston. The fever (both enteric and enteric) patients in the Metropolitan Asylum and London Fever Hospital, which in the four preceding weeks had steadily increased from 114 to 144 last week to 148.

The deaths from small-pox, which in the two previous weeks had been 9 and 14 last week 14, of which 8 occurred in the Metropolitan Asylum Hos-

pitals, one in the Highgate Small-pox Hospital, and 5 in private dwellings; the latter were returned in Fulham, Chelsea, Kentish Town, Islington, and Bermondsey. Eight of the fatal small-pox cases were certified as unvaccinated, 4 as vaccinated, and in two cases the medical certificates gave no information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which had been 189 and 188 at the end of the two preceding weeks, was 201 on Saturday last; 58 new cases were admitted during the week, against 43 and 42 in the two previous weeks. The Highgate Small-pox Hospital contained 16 patients on Saturday last; at the end of the two previous weeks the numbers were 24 and 20, respectively.

The deaths referred to diseases of the respiratory organs, which had been 335 and 338 in the two previous weeks, were 313 last week, and were 130 below the corrected weekly average; 185 resulted from bronchitis, and 89 from pneumonia.

The widow of a miner died in Nazareth House, Hammersmith, on the 12th instant, whose age was stated to be 102 years; she had been confined to her bed for some months in consequence of a fall.

Different forms of violence caused 53 deaths; 49 were the result of negligence or accident, including 27 from fractures and contusions, 6 from burns and scalds, 5 from drowning, and 8 of infants under one year of age from suffocation. The 27 deaths from fractures and contusions were thus caused:—males 17, 44, 46, 78, run over by carts; male 68, run over by omnibus; males 34, 60, run over by wagons; female 12, run over by van; male 10, fell from van; males 30, 30, 41, run over on railway; male 34, crushed by railway trucks; male 34, female 58, fell down stairs; males 23, 27, 35, fell from buildings; males 43, 48, fell from scaffold; male 46, fell from window; male 10, fell from swing; male 5, fell from garden seat; male 62, fell three feet; male 67, fell upon the floor; male 76, fell in the street; and male 67, crushed in a lift. An inquest was held in each of these 27 cases.

In the large Public Institutions 257 deaths were recorded, or 18 per cent. of the total deaths; of these, 137 occurred in Workhouse Establishments, 114 in Hospitals, and 6 in Lunatic Asylums.

GREATER LONDON.

In Greater London 3240 births and 1671 deaths were registered, equal to annual rates of 38·7 and 20·0 per 1000 of the population. In the Outer Ring, 3 fatal cases of small-pox occurred in West Ham, and 2 at Beckenham. Scarlet fever caused 3 deaths in West Ham, and measles 2 in Croydon.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 37, Bombay 46, Madras 100; Paris 22; Geneva 21; Brussels 21; Amsterdam 21, Rotterdam 18, The Hague 19; Copenhagen 23, Stockholm 31; Christiania 16; St. Petersburg 30; Berlin 22, Hamburg 21, Dresden 25, Breslau 26, Munich 31; Vienna 24; Buda-Pesth 35, Naples 24, Turin 25, Venice 23; Alexandria 40; New York 26, Brooklyn 18, Philadelphia 16, and Boston 21. Cholera caused 39 deaths in Calcutta, 45 in Madras, and 11 in Bombay.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·65 in.; the lowest reading was 28·55 in. on Sunday night, and the highest 30·27 in. on Friday evening. The mean temperature of the *air* was 45°·6, and 3°·1 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average on Wednesday and Saturday, whereas it showed an excess on each of the other days of the week; on Thursday the mean was 50°·2, and 7°·9 above the average, while on Saturday it fell to 40°·0 and showed a deficiency of 2°·0. The lowest night temperature was 31°·9 on Saturday, and the highest day temperature in the shade 58°·0 on Friday; the extreme range in the week was, therefore, 26°·1. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in *vacuo* placed on the grass, was 88°·0 on Monday. The difference between the mean *dew-point* and *air* temperature averaged 3°·3. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 49°·3. The mean degree of *humidity* of the air was 88, complete saturation being represented by 100; the air was therefore of an average dryness. The general direction of the *wind* was South-west, and the horizontal movement of the air averaged 14·0 miles per hour, which was 2·1 above the average in the corresponding week of 16 years; on Sunday 11th, the highest recorded pressure of the wind was equal to 32·6 pounds on the square foot. *Rain* fell on four days of the week to the aggregate amount of 0·83 of an inch. The duration of registered sunshine in the week was 10·9 hours, the sun being above the horizon during 62·1 hours; the recorded duration of sunshine was, therefore, equal to 17·6 per cent. of its possible duration.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames was 334,113 cubic metres at Crossness, and 391,667 cubic metres at Barking, equivalent to about as many tons by weight.

BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 17th November 1877.

Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 17th November 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
			BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
212,831	8,166,734	38·4	6067	3466	63·0	29·2	45·8	7·67	0·75	1·90
75,362	3,533,484	46·9	2666	1435	58·0	31·9	45·6	7·56	0·83	2·11
2,354	102,264	43·4	61	30	57·1	38·3	47·5	8·61	1·41	3·68
4,486	127,144	28·3	74	37	57·0	37·5	48·2	9·00	—	—
7,472	84,023	11·2	55	24	57·0	38·0	46·7	8·17	0·38	0·97
1,395	72,911	52·3	29	30	63·0	34·0	47·9	8·83	1·98	5·03
4,452	202,950	45·6	172	84	59·6	31·3	46·1	7·84	0·97	2·46
3,396	73,389	21·6	41	33	56·0	29·5	42·5	5·84	0·61	1·55
8,400	377,436	44·9	295	158	—	—	—	—	—	—
3,200	117,461	36·7	97	30	56·5	33·8	44·3	6·84	0·66	1·68
1,996	95,025	47·6	74	30	57·0	30·0	44·5	6·95	0·68	1·73
5,210	527,083	101·2	393	229	60·1	38·5	46·5	8·06	0·87	2·21
4,293	359,213	83·7	259	196	—	—	—	—	—	—
5,170	162,978	31·5	128	73	61·1	29·2	44·9	7·17	0·82	2·03
4,666	89,796	19·2	82	61	—	—	—	—	—	—
7,220	179,315	24·8	148	83	57·8	33·0	46·4	8·00	0·29	0·74
21,572	298,189	13·8	214	146	60·0	35·0	45·9	7·72	0·41	1·04
19,651	282,130	14·4	252	138	59·0	33·7	45·2	7·33	0·80	2·03
3,635	140,002	38·5	104	54	57·0	32·0	44·0	6·67	0·21	0·53
3,396	110,382	33·4	91	47	58·0	40·0	46·9	8·28	0·41	1·04
5,371	142,231	26·5	102	67	—	—	—	—	—	—
4,191	218,729	52·2	160	71	57·9	36·8	45·9	7·72	0·71	1·80
6,033	555,933	92·1	376	235	56·0	39·0	46·5	8·06	—	—
10,050	314,666	31·3	194	170	59·1	29·2	45·6	7·56	0·70	1·78

Meteorological Observers in the several towns, see note at foot of Table 4.
English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by the rule, as the estimate is based upon the rate of increase of inhabited houses within the borough during July 1877. The population of Dublin is taken as stationary at the number enumerated in April 1871.

ANNUAL RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 100,000 persons, and in DUBLIN, during the Week ending Saturday the 17th November 1877.

ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions
From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from											
			Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.				
22·0	3·4	2990	766	511	14	97	129	17	65	75	61	84	154	437		
21·2	3·3	1435	323	251	14	66	61	8	23	28	23	53	96	257		
15·3	1·5	30	13	4	-	-	-	-	1	2	-	-	-	-		
15·2	2·5	37	10	5	-	-	-	-	2	4	-	-	2	2		
14·9	3·1	24	5	12	-	-	3	-	-	1	1	-	-	1		
21·5	3·6	30	9	6	-	-	-	3	-	2	-	-	-	3		
21·6	3·1	84	22	20	-	7	2	-	1	1	1	1	1	10		
27·0	7·1	38	11	6	-	-	6	-	1	-	3	-	1	2		
21·8	4·2	158	46	19	-	7	9	2	7	3	2	4	6	13		
13·3	2·2	30	8	8	-	-	2	-	1	-	2	-	1	1		
16·5	1·7	30	9	8	-	-	1	-	-	1	1	1	3	5		
22·7	3·7	229	61	27	-	6	5	1	13	8	4	9	9	47		
28·5	4·7	196	65	27	-	4	16	-	1	3	8	1	14	28		
23·4	3·5	73	20	14	-	-	5	-	-	5	1	-	-	11		
35·4	1·2	61	19	8	-	1	-	1	-	-	-	-	-	1		
24·2	3·2	83	23	12	-	-	3	-	5	3	-	3	3	5		
25·6	3·5	146	44	20	-	3	4	-	6	5	2	4	6	15		
25·5	4·3	133	37	27	-	3	8	1	-	4	7	2	3	14		
20·1	1·9	54	10	12	-	-	-	-	-	3	2	4	5	12		
22·2	2·4	47	12	10	-	-	1	-	1	1	2	1	2	2		
24·6	3·7	67	14	15	-	-	3	1	3	1	2	1	2	8		
28·2	3·5	170	31	43	-	12	4	-	2	3	-	3	2	59		

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the FORTY-SIXTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2079	2280	2185	2178	2076	2218	2377	2469	2462	2649	2297·3	2666
Males . .	1075	1143	1092	1108	1100	1118	1196	1281	1222	1327	1166·2	1374
Females .	1004	1137	1093	1070	976	1100	1181	1188	1240	1322	1131·1	1292
TOTAL Deaths	1457	1506	1859	1639	1626	1183	1636	1795	1603	1886	1619·0	1485
Males . .	754	766	945	821	807	603	779	898	825	948	814·6	725
Females .	703	740	914	818	819	580	857	897	778	938	804·4	710

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867-76 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Aug. 25.	Sept 1.	Sept. 8.	Sept. 15.	Sept. 22.	Sept. 29.	Oct. 6.	Oct. 13.	Oct. 20.	Oct. 27.	Nov. 3.	Nov. 10.	Nov. 17.
TOTAL Deaths - - -	1261	1238	1180	1261	1179	1237	1308	1321	1403	1499	1447	1448	1435
0—20 - - -	694	657	579	631	528	588	600	602	665	750	727	742	750
20—40 - - -	177	198	181	196	194	179	207	183	188	193	216	190	192
40—60 - - -	186	177	208	195	215	209	216	240	230	242	227	238	242
60—80 - - -	175	174	178	196	196	221	227	250	274	252	231	233	215
at 80 years & upwds.	29	32	34	43	46	40	58	46	46	62	46	45	36
Deaths of { Under 1 year - - -	432	404	349	329	272	314	299	315	307	358	342	337	323
children { 1—5 - - -	166	176	153	214	170	167	196	193	236	281	268	295	314
{ 5—20 - - -	96	77	72	88	86	107	105	94	122	111	117	110	113
Deaths from 7 principal Zy- motic Diseases }	260	259	182	226	190	174	153	195	214	241	229	229	223
“ “ Smallpox - - -	11	20	8	10	10	13	14	14	8	14	9	25	14
“ “ Measles - - -	29	17	23	23	22	16	23	33	36	67	47	62	66
“ “ Scarlet Fever - -	24	26	17	38	30	49	38	50	68	64	82	67	61
“ “ Diphtheria - - -	2	5	7	7	8	4	2	11	9	6	9	6	8
“ “ Whooping-cough -	17	19	19	32	18	18	21	10	21	28	24	15	23
“ “ Typhus fever - - -	1	5	2	3	2	2	3	3	5	3	4	1	2
“ “ Enteric (or Ty- phoid) fever - - -	14	12	17	23	24	17	15	21	36	32	31	35	26
“ “ Simple Cont ^d fever	4	1	2	4	5	3	1	5	6	4	4	6	-
“ “ Diarrhoea - - -	158	154	87	86	71	52	36	48	25	23	19	12	23
“ “ Simple Cholera - -	7	7	6	1	2	2	1	1	-	1	-	-	-
“ “ Dis. of Respira- tory Organs - - -	124	108	111	152	159	174	257	259	297	371	335	338	313
“ “ Phthisis - - -	151	148	154	146	158	148	163	149	151	159	153	140	150
“ “ Heart Diseases - -	61	71	69	82	67	71	84	89	79	63	91	81	87
Violent Deaths - - -	58	48	48	39	40	52	47	51	47	56	46	40	53
Inquest Cases - - -	89	79	92	74	74	81	83	93	91	99	94	77	96
Deaths in Public Institutions	218	227	217	245	235	241	266	264	235	276	259	269	257
TEMPERATURE OF THE AIR:													
Mean - - -	62·0	59·5	53·5	58·9	51·1	48·5	48·5	48·1	46·7	49·7	49·1	51·0	45·6
Mean of Highest readings -	73·0	69·6	65·2	67·0	59·8	60·5	62·2	56·2	57·9	56·4	56·7	57·1	52·0
Mean of Lowest readings -	53·6	53·1	44·3	53·3	44·6	40·1	36·1	40·9	37·5	43·6	42·1	45·1	38·5
Mean Temperature of the Water of the Thames - }	66·7	64·3	61·3	59·5	58·7	55·3	54·4	52·7	51·5	-	50·7	50·6	49·2
Humidity of the Air - - -	70	76	72	78	81	86	79	77	72	87	80	86	88
Rain-fall in inches - - -	1·67	0·42	0·78	0·16	0·16	0·03	0·00	0·33	0·13	1·24	0·04	0·72	0·53
Registered Sunshine (in hours)	41·5	37·8	37·7	11·2	20·8	19·7	33·3	18·0	35·0	10·8	19·2	12·7	10·4

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-SIXTH Week of the Year 1877.

Average in the Forty-sixth Weeks of the 10 years 1867-76.*	In the Week ending Saturday, November 17, 1877.								Average in the Forty-sixth Weeks of the 10 years 1867-76.*	In the Week ending Saturday, November 17, 1877.							
	Deaths of Persons of the Ages									Deaths of Persons of the Ages							
	ALL AGES.	Under 20.			40. 20 and under	60. 40 and under	80. 60 and under	80 Years and upwards.		ALL AGES.	Under 20.			40. 20 and under	60. 40 and under	80. 60 and under	80 Years and upwards.
		Mean Tem. °	0-1.	1-5.							5-20.	Mean Tem. °	0-1.					1-5.	5-20.
42° 3	45° 6							42° 3	45° 6								
1619° 0	1435	323	314	113	192	242	215	36	9. Stricture of Intestines	° 9	2	-	-	-	2	-	
1612° 2	1433	322	314	112	192	242	215	36	10. Fistula	° 5	-	-	-	-	-	-	
									11. Stomach Disease, &c.	7° 5	8	1	2	-	1	2	
									12. Pancreas Disease, &c.	-	-	-	-	-	-	-	
21° 8	14	1	2	3	5	3	-	-	13. Hepatitis	4° 4	8	-	-	-	1	4	
42° 6	66	10	52	4	-	-	-	-	14. Jaundice	4° 1	8	3	1	-	1	3	
88° 4	61	2	42	17	-	-	-	-	15. Liver Disease, &c.	19° 2	25	-	2	2	1	11	
8° 5	8	1	3	3	1	-	-	-	16. Spleen Disease, &c.	° 3	2	-	1	-	1	-	
16° 3	-	-	-	-	-	-	-	-	ORDER 5.								
38° 6	23	9	14	-	-	-	-	-	1. Nephritis	3° 1	4	1	1	-	1	-	
40° 1	26	-	5	8	8	3	1	1	2. Ischuria	° 5	-	-	-	-	-	-	
13° 3	7	2	-	-	2	3	-	-	3. Bright's Dis. (Nephria)	12° 8	11	-	-	1	4	6	
6° 9	2	-	-	-	1	1	-	-	4. Diabetes	1° 5	3	-	-	-	1	1	
8°	1	-	-	-	-	1	-	-	5. Calculus (Stone)	1° 0	3	-	-	-	3	-	
1° 4	3	-	-	1	-	2	-	-	6. Cystitis	1° 1	4	-	-	-	2	1	
19° 0	23	13	4	1	1	3	1	-	7. Kidney Disease, &c.	11° 5	4	-	-	1	2	1	
3° 3	-	-	-	-	-	-	-	-	ORDER 6.								
10° 0	7	-	-	2	3	2	-	-	1. Ovarian Dropsy	° 8	-	-	-	-	-	-	
7°	1	1	-	-	-	-	-	-	2. Uterus Disease, &c.	5° 1	4	-	-	3	-	1	
8° 9	5	5	-	-	-	-	-	-	ORDER 7.								
° 2	-	-	-	-	-	-	-	-	1. Synovitis (Arthritis)	° 6	-	-	-	-	-	-	
									2. Joint Disease, &c.	6° 2	7	-	-	2	4	1	
									ORDER 8.								
									1. Phlegmon	3° 4	2	-	-	1	-	1	
									2. Ulcer	1° 2	2	-	-	-	1	1	
									3. Skin Disease, &c.	1° 3	-	-	-	-	-	-	
									IV. DEVELOPMENTAL DISEASES.								
									ORDER 1.								
									1. Premature Birth	23° 9	27	27	-	-	-	-	
									2. Cyanosis	2° 6	5	4	-	1	-	-	
									3. Spina Bifida	1° 8	-	-	-	-	-	-	
									4. Other Malformations	1° 4	1	1	-	-	-	-	
									5. Teething	11° 8	11	4	7	-	-	-	
									ORDER 2.								
									1. Paramenia	° 3	-	-	-	-	-	-	
									2. Childbirth (see Puer- peral Fever)	5° 3	8	-	-	6	2	-	
									ORDER 3.								
									1. Old Age	52° 6	31	-	-	-	13	18	
									ORDER 4.								
									1. Atrophy and Debility	66° 8	53	41	5	-	1	6	
									V. VIOLENT DEATHS, &c.								
									ORDER 1.								
									(ACCIDENT, OR NEGLIGENCE.)								
									1. Fractures & Contusions	20 0	27	-	-	5	9	6	
									2. Wounds { Gunshot Cut, Stab }	° 4	-	-	-	-	-	7	
									3. Burns and Scalds	6° 8	6	-	2	2	-	1	
									4. Poison	1° 0	-	-	-	-	-	-	
									5. Drowning	3° 5	5	-	-	1	2	1	
									6. Suffocation	9° 5	9	8	-	-	1	-	
									7. Otherwise	3° 0	2	-	-	-	1	1	
									ORDER 3.								
									(HOMICIDE.)								
									1. Murder & Manslaughter	1° 4	-	-	-	-	-	-	
									ORDER 4.								
									SUICIDE.)								
									1. Wounds { Gunshot Cut, Stab }	° 3	-	-	-	-	-	-	
									2. Poison	1° 7	1	-	-	-	1	-	
									3. Drowning	1° 2	1	-	-	-	-	1	
									4. Hanging	° 8	-	-	-	-	-	-	
									5. Otherwise	° 7	1	-	-	-	1	-	
									ORDER 5.								
									(EXECUTION.)								
									1. Hanging	-	1	-	-	-	1	-	
									Violent Deaths (not classed)	1° 1	-	-	-	-	-	-	
									Sudden Deaths (Cause unascertained)	° 4	-	-	-	-	-	-	
									Causes not specified or ill-defined	6° 4	2	1	-	1	-	-	

be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1877.

is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, TYPHUS, ENTERIC (OR TYPHOID) FEVER, SIMPLE CONTINUED FEVER, DIARRHŒA, and VIOLENCE, during the Week ending

REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include											
				Deaths of		Deaths from									
				Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.
LONDON	3,254,260	2666	1435	323	251	14	66	61	8	23	2	26	-	23	53
WEST DISTRICTS	561,359	424	235	47	47	3	7	4	2	3	-	4	-	2	7
NORTH DISTRICTS	751,729	611	328	73	69	5	15	27	1	3	-	9	-	6	9
CENTRAL DISTRICTS	334,369	179	125	25	17	-	4	3	-	3	-	-	-	2	4
EAST DISTRICTS	639,111	548	323	86	40	-	22	15	2	2	1	4	-	6	20
SOUTH DISTRICTS	967,692	904	424	92	78	6	18	12	3	12	1	9	-	7	13
WEST DISTRICTS.															
St. Mary Paddington WH	58728	42	24	5	5	-	-	1	-	1	-	-	-	1	-
St. John Paddington H	38085	9	13	2	6	-	1	-	-	-	-	-	-	-	-
Kensington Town W	91645	105	41	10	4	-	4	1	2	-	-	-	-	-	-
Brompton H	28654	31	21	2	2	-	-	-	-	-	-	-	-	-	-
St. Peter Hammersmith	6662	4	1	-	1	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith H	36029	44	15	2	5	-	-	-	-	-	-	-	-	-	-
Fulham WvH	23350	29	17	4	3	2	-	-	-	1	-	-	-	1	-
Chelsea South HHH	26420	15	9	1	4	-	-	-	-	-	-	1	-	-	-
Chelsea North-west WHHH	22926	9	17	1	6	1	-	-	-	-	-	-	-	-	-
Chelsea North-east	21392	12	8	2	1	-	1	-	-	-	-	-	-	-	-
Hanover Square H	18698	1	3	1	-	-	-	-	-	-	-	-	-	-	-
May Fair WW	13358	3	7	-	4	-	-	-	-	-	-	1	-	-	-
Belgrave HH	57972	41	22	5	3	-	-	-	-	-	-	1	-	-	-
St. John Westminster HH	38478	27	12	3	1	-	1	1	-	-	-	-	-	-	-
St. Margaret Westminster WH	27781	12	14	5	2	-	-	1	-	-	-	-	-	-	-
Golden Square WH	12860	9	5	2	-	-	-	-	-	-	-	1	-	-	-
Berwick-street H	20759	16	5	1	-	-	-	-	-	1	-	-	-	-	-
St. Anne Soho HHHH	17562	15	1	1	-	-	-	-	-	-	-	-	-	-	-
NORTH DISTRICTS.															
All Souls Marylebone HHHH	28579	15	6	3	1	-	-	-	-	-	-	-	-	1	-
Cavendish Square HH	15425	3	2	1	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone WH	26384	17	11	3	6	-	-	-	-	-	-	-	-	-	-
St. Mary Marylebone HHH	21786	22	6	1	3	-	1	-	-	-	-	-	-	-	-
Christchurch Marylebone H	33944	17	18	7	2	-	4	1	-	-	-	-	-	-	-
St. John Marylebone H	33186	24	12	2	1	-	2	1	-	2	-	-	-	-	-
Hampstead WvHH	32281	25	13	3	3	-	-	1	-	1	-	-	-	-	-
Regent's Park Paneras	38200	28	8	2	2	-	-	-	-	-	-	-	-	-	-
Tottenham-court wHHH	29370	18	25	2	7	-	-	-	-	-	-	1	-	-	-
Gray's Inn Lane HHH	29221	24	8	-	3	-	-	-	-	-	-	-	-	-	-
Somers Town	38533	29	14	3	2	-	-	1	-	-	-	-	-	-	-
Camden Town W	17943	19	7	3	4	-	-	-	-	-	-	-	-	-	-
Kentish Town w	68198	64	24	5	3	1	-	1	1	-	-	-	-	-	-
Islington West HHH	97820	81	58	11	11	2	6	8	-	-	-	2	-	1	1
Islington East WvH	115953	117	59	12	14	-	2	10	-	-	-	2	-	1	1
Stoke Newington H	9841	15	9	3	1	-	-	-	-	-	-	-	-	-	-
Stamford Hill	6598	1	-	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney	28069	25	6	2	1	-	-	-	-	-	-	2	-	-	-
Hackney WvH	50104	35	29	6	4	2	-	1	-	-	-	1	-	-	-
South Hackney	30339	32	13	4	1	-	-	3	-	-	-	1	-	-	-
CENTRAL DISTRICTS.															
St. George Bloomsbury	17853	5	10	3	2	-	-	-	-	-	-	-	-	-	-
St. Giles South WH	19109	7	8	1	1	-	-	-	-	-	-	-	-	-	-
St. Giles North	16594	7	6	1	1	-	-	-	-	-	-	-	-	-	-
Long Acre	11379	5	5	2	-	-	-	-	-	-	-	-	-	-	-
Charing Cross HH	9859	2	3	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand	9378	1	1	-	1	-	-	-	-	-	-	-	-	-	-
St. Clement Danes H	10723	2	4	-	-	-	-	-	-	-	-	-	-	-	-
St. George-the-Martyr HHHH	20521	10	4	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Eastern W	13529	8	11	2	1	-	-	-	-	-	-	-	-	-	-
Saffron Hill H	9066	5	7	-	3	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell W	18917	23	6	2	-	-	-	-	1	-	-	-	-	-	-
Amwell Clerkenwell	16884	15	8	2	4	-	-	-	-	-	-	-	-	-	-
Pentonville	13337	10	10	-	2	-	3	-	-	2	-	-	-	-	-
Goswell-street	16242	11	10	3	-	-	-	1	-	-	-	-	-	-	-
Old-street H	12161	8	3	1	-	-	-	-	-	1	-	-	-	-	-
City-road HHL	18301	23	4	3	-	-	-	-	-	-	-	-	-	-	-
Whitecross-street	13792	9	3	-	-	-	-	-	-	-	-	-	-	-	-
Finsbury	10741	7	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph East London H	14540	7	3	2	-	-	-	-	-	-	-	-	-	-	-
Cripplegate	13638	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre H	7562	1	9	1	-	-	1	1	-	-	-	-	-	-	-
St. Bride W	11185	3	2	1	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard	4426	1	2	-	1	-	-	-	-	-	-	-	-	-	-
Christchurch	6270	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe	4753	2	2	-	1	-	-	-	-	-	-	-	-	-	-
Allhallows Barking	5764	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street H	7845	3	1	1	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands at the foot of next page.

of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston
 † Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 17th November 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enume- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Un- known Causes.
	LONDON—OUTER RING	368,414	631,381	574	236	49	71	5	8	5	2	-	7	1	5	9
29: 1	Carshalton <i>wL</i> - - -	12228	13523	13	5	1	3	-	-	-	-	-	-	-	-	-
2	Epsom (<i>part of</i>) * <i>WH</i> -	9971	9145	6	4	1	-	-	-	-	-	-	-	-	-	-
36: 1	Godstone (<i>part of</i>) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-
37: 1	Croydon <i>WWH</i> - - -	20851	71319	62	23	8	5	-	2	1	-	-	-	-	-	-
2	Mitcham <i>WH</i> - - -	11697	12534	6	2	-	1	-	-	-	-	-	-	-	-	-
38: 1	Wimbledon <i>HH</i> - - -	3220	9087	6	2	-	1	-	-	-	-	-	-	-	-	-
2	Kingston <i>WH</i> - - -	8549	27489	14	5	-	2	-	1	-	-	-	-	-	-	-
3	Esher (<i>part of</i>) * - - -	6601	7353	4	3	-	2	-	-	-	-	-	-	-	-	-
4	Hampton - - -	4573	10185	7	4	-	1	-	-	-	-	-	-	-	-	-
39: 1	Richmond <i>WH</i> - - -	2271	16829	11	5	1	1	-	-	-	-	-	-	-	-	-
2	Mortlake - - -	2961	9316	9	4	1	2	-	-	-	-	-	-	-	-	-
40: 1	Bromley (<i>part of</i>) * <i>HH</i> -	15669	19509	12	7	2	1	2	-	-	-	-	-	1	-	-
2	Chislehurst (<i>part of</i>) * <i>W</i> -	13665	10028	10	4	-	2	-	-	-	-	-	-	-	-	-
41: 1	Bexley <i>H</i> - - -	13439	19566	16	6	-	3	-	-	-	-	-	-	-	-	-
123: 1	Sunbury <i>W</i> - - -	11055	9860	11	3	-	2	-	-	-	-	-	-	-	-	-
2	Staines <i>W</i> - - -	13277	10339	16	5	1	4	-	-	-	-	-	-	-	-	-
124: 1	Hillingdon <i>WH</i> - - -	6029	9712	9	5	1	3	-	-	-	-	-	-	-	1	3
2	Uxbridge - - -	6178	5329	3	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes <i>WL</i> - - -	14587	10497	8	1	-	1	-	-	-	-	-	-	-	-	-
125: 1	Isleworth <i>W</i> - - -	7008	19930	11	11	1	5	-	-	-	-	-	1	-	1	1
2	Twickenham - - -	2477	10533	6	1	-	1	-	-	-	-	-	-	-	-	-
3	Brentford <i>HL</i> - - -	4370	20279	25	9	-	4	-	1	-	-	-	1	-	-	-
4	Chiswick - - -	1311	8508	8	6	1	3	-	-	-	1	-	-	-	-	-
5	Acton <i>WH</i> - - -	6087	12683	17	4	2	-	-	-	-	-	-	-	-	-	-
126: 1	Harrow <i>H</i> - - -	13809	10869	7	1	-	1	-	-	-	-	-	-	-	-	-
2	Edgware <i>H</i> - - -	6994	3450	2	1	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - -	4383	15869	17	6	-	2	-	-	-	1	-	1	-	-	-
4	Hendon <i>WH</i> - - -	8332	6972	7	2	-	1	-	-	-	-	-	-	-	-	-
127: 1	South Mimms - - -	15419	5924	8	2	1	-	-	-	-	-	-	-	-	1	1
2	Barnet <i>W</i> - - -	5423	7752	4	6	-	4	-	-	1	-	-	-	-	-	-
3	Finchley <i>L</i> - - -	4638	11493	5	7	-	2	-	-	-	-	-	-	-	-	-
128: 1	Hornsey <i>H</i> - - -	3039	19357	21	6	1	2	-	-	-	-	-	1	-	-	-
2	Tottenham <i>H</i> - - -	4642	22869	30	7	1	1	-	1	-	-	-	-	-	-	-
3	Edmonton <i>WW</i> - - -	7433	13860	15	12	3	3	-	1	-	-	-	-	-	-	-
4	Enfield <i>WH</i> - - -	12653	16054	7	3	2	-	-	-	-	-	-	1	-	-	-
5	Waltham Abbey - - -	11017	5197	3	2	-	1	-	-	-	-	-	-	-	-	-
6	Cheshunt - - -	8493	7518	7	3	2	-	-	-	-	-	-	-	-	-	-
134: 1	Hatfield (<i>part of</i>) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-
136: 1	Bushey - - -	9028	6472	9	2	-	2	-	-	-	-	-	-	-	1	1
185: 1	Stratford - - -	882	23236	24	13	5	-	-	-	-	-	-	1	-	-	-
2	West Ham <i>WWWW</i> - - -	7345	44642	75	27	3	4	3	1	3	-	-	1	-	-	-
3	Leyton <i>WW</i> - - -	4274	15513	9	5	4	-	-	-	-	-	-	-	-	-	-
4	Walthamstow <i>H</i> - - -	6619	15701	23	6	5	-	-	1	-	-	-	-	-	1	-
186: 1	Chigwell (<i>part of</i>) * <i>H</i> -	10483	8169	2	1	-	-	-	-	-	-	-	-	-	-	-
188: 1	Romford (<i>part of</i>) * - -	6730	2879	3	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - -	8492	5947	-	2	-	1	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4123	6576	6	3	2	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warrington and Farley in Godstone sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 134: 1, only the parish of Northaw in Hatfield sub-district; 186: 1, the whole of the Chigwell sub-district, except the parish of Thorpe (pop. 798); 188: 1, only the parish of Dagenham in Romford sub-district.

GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 17th November, 1877.

	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhea.	Violence.			
N	446,494	4,367,547	20·0	3·0	1671	372	322	19	74	66	10	23	35	24	58	280		
-	78,080	3,533,484	21·2	3·3	1435	323	251	14	66	61	8	23	28	23	53	257		
-	368,414	834,063	14·8	1·8	236	49	71	5	8	5	2	-	7	1	5	23		

the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 122 square miles, equal to the square of a little more than a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES.

	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
-	429,535	October 6	-	284	34·4	Fevers 65; cholera 32.
-		" 13	-	305	37·0	Fevers 87; cholera 39.
-	644,405	" 16	-	594	45·7	Measles 34; cholera 11.
-	397,552	September 28	338	738	96·5	Small-pox 34; cholera 45.
-	1,988,806	November 15	-	837	21·9	Diphtheria 25; typhoid fever 14.
-	67,829	" 10	34	27	20·7	—
-	173,000	" 10	102	69	20·7	—
-	289,981	" 3	193	117	20·5	Whooping-cough 3.
-	136,231	" 3	94	47	18·0	—
-	104,095	" 3	71	37	18·5	—
-	215,000	" 13	151	96	23·3	Whooping-cough 3.
-	146,845	" 3	-	88	31·2	Scarlet fever 6; typhoid fever 5.
-	79,000	" 10	49	25	16·5	Scarlet fever 3.
BRGH	669,741	October 20	-	383	29·7	Scarlet fever 10; typhus and typhoid fever 34.
-	997,269	" 27	813	451	22·3	Scarlet fev. 35; diph. 22; typhus & typhd. fev. 16.
(ate)	393,588	" 27	317	159	21·1	Diphtheria and croup 6.
-	202,295	November 3	143	93	24·9	Scarlet fever 5; diphtheria and croup 7.
-	257,000	" 10	199	129	26·1	Fevers 3.
-	215,000	" 10	184	127	31·0	Diphtheria and croup 5; typhoid fever 5.
-	714,548	" 10	510	326	23·7	Small-pox 11; diphtheria 26.
-	315,401	" 3	253	213	35·1	Scarlet fever 9; diphtheria 10.
-	280,564	October 27	-	-	-	—
-	454,948	" 14	-	233	26·7	Typhd. fev. and typhus 4.
-	223,488	" 21	-	213	24·4	Typhoid fev. and typhus 4; diphtheria 5.
-	139,796	" 27	141	109	25·2	Typhus and typhoid fever 7.
-	212,034	November 10	67	62	23·0	Diphtheria and croup 3.
-	1,077,228	October 31	176	161	39·6	Whooping-cough 10.
-	527,830	" 20	-	534	25·8	Scarlet fever 18; diphtheria 32.
-	850,856	" 20	-	191	18·3	Scarlet fever 7; diphtheria 17.
-	363,000	" 27	-	266	16·3	Scar. fev. 9; typhd. fev. 14; diphtheria 13.
-		" 20	-	124	20·5	Typhoid fever 4; diphtheria 5.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 17th NOVEMBER, 1877.
[Under the Superintendence of the Astronomer Royal.]

1877.		MOON.		READINGS OF THERMOMETERS.										DIFFERENCE				WIND.				RAIN.									
Phases of Moon. MONTH AND DAY.		Mean daily reading (corrected and reduced to 32 deg. Fahrenheit.)		Dry.				Dew Point.		Highest in the sun, as shown by self-registering thermometer with bulb in vacuo, placed on the grass.		Lowest on the grass, as shown by self-registering thermometer.		In the Water of the Thames at Greenwich, by self-registering thermometers.		Between Dew Point Temperature and Air Temperature.		Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*		Degree of Humidity, complete Saturation being represented by 100.		As deduced from Anemometers.				Collected in a Gauge whose receiving surface is 5 in. above the ground.					
				Range in day.		Mean daily value.		Mean daily value.		Mean daily value.		Mean daily value.		Mean daily value.		Least.		Greatest.		Least.		Greatest.		Amount of Horizontal Movement of Air each day.		Departure from Average of 16 years.		Inches.			
				High-est.	Low-est.	High-est.	Low-est.	High-est.	Low-est.	High-est.	Low-est.	High-est.	Low-est.	High-est.	Low-est.	High-est.	Low-est.	High-est.	Low-est.	High-est.	Low-est.	High-est.	Low-est.	High-est.	Low-est.	High-est.	Low-est.				
NOVEMBER.		in.		°		°		°		°		°		°		°		°		°		°		°		°		°		°	
SUN. 11	First Quarter	28.973	52.7	45.5	7.2	50.0	45.5	54.4	40.8	51.8	50.3	4.5	5.8	3.8	6.8	84	SSW. & S.	SSW.	32.6	5.4	725	+ 453	0.28	15.5							
MON. 12		28.845	51.8	39.3	12.5	44.9	39.2	83.0	36.8	52.1	49.8	5.7	9.7	3.4	2.0	81	WSW. SW. & SSW.	SSW. & SSE.	17.0	0.0	360	+ 85	0.48	15.3							
TUES. 13	Apogee.	29.313	46.7	40.2	6.5	43.4	41.9	65.4	33.2	51.3	49.1	1.5	2.9	0.5	0.7	95	SSW. SW. & WSW.	SW.	0.5	0.0	218	- 62	0.00	5.2							
WED. 14		29.979	51.0	34.1	16.9	42.4	39.2	77.2	29.6	50.1	48.1	3.2	10.5	0.0	0.1	88	WSW.	sw. s. & ssw.	0.4	0.0	185	- 101	0.00	1.3							
THURS. 15	In Equator	30.118	54.2	43.1	11.1	50.2	48.9	60.6	38.0	49.3	46.9	1.3	2.4	0.0	7.9	95	SSW.	SSW.	7.2	0.0	445	+ 155	0.06	5.2							
FRI. 16		30.154	53.0	37.5	20.5	48.5	43.2	69.8	30.8	49.1	46.3	5.3	10.6	1.3	6.3	82	SSW. & SW.	NW. & SW.	2.6	0.0	319	+ 24	0.01	4.5							
SAT. 17		30.192	49.8	31.9	17.9	40.0	38.2	62.9	27.8	49.3	46.8	1.8	9.7	0.0	2.0	94	SW.	E.	0.0	0.0	96	- 203	0.00	0.0							
MEANS .		29.653	52.0	38.8	13.2	45.6	42.3	68.3	33.9	50.4	48.2	3.3	7.4	1.3	3.1	88	SW.		..	..	Sum 2348	+ 351	Sum 0.83	6.7					
No. of Col.		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27						

DATE.		Electricity.		Sun above Horizon, in hours.		Registered Sunshine, in hours.		SKY AND ATMOSPHERE.	
NOVEMBER.									
SUNDAY .	11			0.0		9.0		Overcast. Frequent heavy rain. A violent gale of wind from 9h. A.M.	
MONDAY .	12			3.6		9.0		The gale dropped suddenly shortly before 1h. A.M. Heavy rain fell in the early morning hours; generally fine till evening; showery at night.	
TUESDAY .	13			0.3		8.9		Fine. The amount of cloud was generally small.	
WEDNESDAY .	14			4.9		8.9		Foggy in morning; fine afterwards.	
THURSDAY .	15			0.0		8.8		Overcast. Occasional rain.	
FRIDAY .	16			1.1		8.8		Overcast and showery in morning; fine and partially cloudy till evening. Cloudless night.	
SATURDAY .	17			1.0		8.7		Heavy frost in morning. The amount of cloud was usually small after noon. Fog prevailed generally.	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending December 31, 1845.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873. * In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and - "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight. The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of R. E. R. Chief Commissioner of Metropolitan Police. The numbers in column 26, denoted by an asterisk, are the numbers registered by permission of Lieut.-Col. ...

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PRINTED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

[77. VOL. XXXVIII.] WEEK ENDING SATURDAY, NOVEMBER 24. [Price 1½d.]

*General Register Office, Somerset House,
November 26th, 1877.*

UNITED KINGDOM.

Last week 5550 *births* and 3565 *deaths* were registered in LONDON and TWENTY-TWO OTHER LARGE TOWNS of the UNITED KINGDOM. The natural increase was 1985. The mortality from all causes was at the average rate of 3·7 deaths annually in every 1000 persons living. The annual death-rate was 21·2 in 1000 in Edinburgh, 21 in Glasgow, and 26 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS ranged in order from the lowest, were as follow:—Leicester 14, Brighton 17, Nottingham 18, Hull 19, Norwich 19, Newcastle-upon-Tyne 19, Southampton 21, Bristol 22, Plymouth 23, London 23, Manchester 23, Leeds 23, Sheffield 24, Birmingham 24, Oldham 24, Bradford 25, Liverpool 26, Sunderland 26. The annual death-rate from the seven principal zymotic diseases averaged 3·7 per 1000 in the twenty towns, and ranged from 0·0 in London and 0·8 in Hull, to 4·7 and 6·8 in Sunderland and Liverpool. Measles was prevalent in Bristol, and scarlet fever in Wolverhampton, Sheffield, and Manchester. Small-pox caused 27 deaths in London, whereas no death was caused by this disease in any of the nineteen other towns.

LONDON.

LONDON 2398 BIRTHS and 1571 DEATHS were registered. Allowing for the population, the births were 4, and the deaths 142, below the average of the corresponding week of the last ten years. The annual death-rate from all causes, which in the two preceding weeks had been equal to 21·2 and 21·000, further rose last week to 23·2, a higher rate than has prevailed in London since May last.

1571 deaths included 27 from small-pox, 82 from measles, 55 from scarlet fever, 11 from diphtheria, 32 from whooping-cough, 38 from different fevers, and 13 from diarrhoea; thus to the seven principal diseases of the class 258 deaths were referred, against 229 and 223 in the two preceding weeks. These 258 deaths were 6 below the corrected average number of deaths from these diseases in the corresponding week of the last ten years, and were at an annual rate of 3·8 per 1000. Measles is now the reigning epidemic; and cases showed a further increase upon recent weeks, and exceeded the weekly average by 35; 6 occurred in Kensington, 7 in Westminster, 7 in Islington, 5 in Stepney, 7 in Bow, 4 in Battersea, and 7 in Camberwell. The deaths from scarlet fever, which had been 82, 67, and 61 in the three preceding weeks, declined to 55 last week, of which 19 occurred in the North and 16 in the South groups of districts; 7 were returned in Islington, 7 in Hackney, 3 in St. Luke's, 4 in St. Luke's, 3 in Walworth, 7 in Lambeth, and 4 in Camberwell. Fatal cases of diphtheria included 2 in Bow, 2 in Lambeth, and 2 (in the North group) in Woolwich. Fifteen of the 32 deaths from whooping-cough were in South London; 4 were recorded in Islington, 8 in Southwark, and 3 in the North group. The deaths referred to fever, which had been 42 and 28 in the two preceding weeks, rose again last week to 38, and were but four below the corrected average in the corresponding week of the last ten years; 5 were certified as enteric or typhoid, and 4 as simple fever. The five fatal cases of enteric fever were recorded at 3, Slaidburn Street, Chelsea; 50, Palace Road, South London; 45, Brenton Street, Stepney (attended by an unregistered practitioner); 45, Ford Road, Bow; and 65, Malpas Road, Deptford. The 29 deaths from scarlet fever included 6 in Pancras (including one hospital case), 2 in Hackney, 3 in Islington, and 3 in Camberwell. The fever (typhus and enteric) patients in the London Fever Hospital and London Fever Hospitals, which at the end of the two preceding weeks had been 152 and 148, were 153 on Saturday last.

The deaths from small-pox, which in the two preceding weeks had been 25 and 14, rose to 27 last week, a higher number than in any week since the end of July last; 14 occurred in the Metropolitan Asylum Hospitals, and 13 in private dwellings. Six of the deceased small-pox patients had resided in Mile End Old Town, 5 in Bow and Poplar, 3 in Stepney, 3 in Hackney, 2 in Chelsea, 2 in Lambeth, and 2 in Camberwell. Of the six fatal cases in Mile End Old Town, only one was recorded in hospital. Thirteen cases were certified as unvaccinated, 3 as vaccinated, and in the other 11 the medical certificates gave no information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which had been 188 and 201 at the end of the two preceding weeks, had increased to 232 on Saturday last; 78 new cases were admitted during the week, against 42 and 58 in the two previous weeks. The Highgate Small-pox Hospital contained 23 patients on Saturday last, the numbers at the end of the two preceding weeks having been 20 and 16 respectively.

The six deaths referred to puerperal fever included 3 in the Central group of districts, of which one occurred in the City of London Lying-in Hospital.

A blacksmith, aged 30 years, died from hydrophobia on 22nd instant in Victoria Road, Hackney, making the sixteenth fatal case recorded in London during this year.

The deaths referred to diseases of the respiratory organs, which had been 338 and 313 in the two previous weeks, rose to 409 last week, but were 56 below the corrected average; 267 resulted from bronchitis, and 104 from pneumonia.

The widow of a farmer died at 103, New Street, Deptford, on 18th instant, whose age was stated to be 100 years.

Different forms of violence caused 43 deaths; 37 were the result of negligence or accident, including 18 from fractures and contusions, 7 from burns and scalds, 4 from drowning, and 4 of infants under one year of age from suffocation. The 18 deaths from fractures and contusions were thus caused:—male 89, run over by cart; male 6, run over by cab; male 37, killed by van; male 18, crushed by cart; male 32, run over on the West London Extension Railway; male 70, females 46, 46, 48, 67, fell down stairs; male 36, fell from ladder; female 75, fell in the street; female 75, fell in room; females 43, 65, male 52, injured by falls (not stated how); male 48, fractured thigh by hams falling upon him; male 44, killed by blow whilst fighting. An inquest was held in each of these 18 cases.

GREATER LONDON.

In Greater London 2884 births and 1823 deaths were registered, equal to annual rates of 34·5 and 21·8 per 1000 of the population. In the Outer Ring small-pox caused 3 deaths in the Bromley Union Workhouse (of persons admitted from Beckenham, including 2 from the Children's Home), and 2 in West Ham, where 8 fatal cases of scarlet fever were also registered.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 37, Bombay 52, Madras 94; Paris 21; Geneva 15; Brussels 23; Amsterdam 20, Rotterdam 22, The Hague 20; Copenhagen 22; Stockholm 24; Christiania 11; St. Petersburg 31; Berlin 24, Hamburg 25, Dresden 21; Breslau 25, Munich 29; Vienna 22, Buda-Pesth 34; Naples 25, Turin 22, Venice 22; Alexandria 42; New York 21, Brooklyn 19, Philadelphia 15, and Boston 18.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·44 in. the highest reading was 30·12 in. at the beginning of the week, and the lowest 28·91 in. on Saturday evening. The mean temperature of the *air* was 42°·8, and 1°·0 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average on Tuesday and Saturday, but showed an excess on each of the other days of the week; on Thursday the mean was 47°·1, and in excess by 5°·4, while on Saturday it fell to 39°·2, and was in defect by 2°·4. The lowest night temperature was 33°·6 on Monday, and the highest day temperature in the shade 55°·2 on Thursday; the extreme range in the week was, therefore, 21°·6. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 80°·1 on Thursday. The difference between the mean *dew-point* and *air* temperature averaged 4°·6. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police ship, was 45°·5. The mean degree of *humidity* of the air was 84, complete saturation being represented by 100; the air was therefore of an average dryness. The general direction of the *wind* was South-west, and the horizontal movement of the air averaged 19·3 miles per hour, which was 6·6 above the average in the corresponding week of 16 years. *Rain* fell on four days of the week, to the aggregate amount of 1·12 inches. The duration of registered sunshine in the week was 11·9 hours, the sun being above the horizon during 59·7 hours; the recorded duration of sunshine was, therefore, equal to 20 per cent. of its possible duration.

BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 24th November, 1877.

Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 24th November 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
			BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
212,881	8,166,734	38·4	5550	3565	55·5	26·8	42·1	5·62	1·17	2·97
75,362	3,533,484	46·9	2398	1571	55·2	33·6	42·8	6·00	1·12	2·84
2,354	102,264	43·4	51	27	54·0	34·2	43·5	6·39	1·99	5·05
4,486	127,144	28·3	68	42	53·0	38·0	45·2	7·33	-	-
7,472	84,023	11·2	63	31	54·5	33·0	42·3	5·73	0·47	1·19
1,395	72,911	52·3	37	32	55·5	36·5	45·9	7·72	1·03	2·74
4,452	202,950	45·6	124	86	53·9	31·7	43·2	6·22	2·05	5·21
3,396	73,389	21·6	47	29	53·5	28·0	39·8	4·34	0·75	1·90
8,400	377,436	44·9	274	172	-	-	-	-	-	-
3,200	117,461	36·7	82	31	53·2	32·0	41·2	5·11	0·69	1·75
1,996	95,025	47·6	47	33	53·5	29·5	40·9	4·94	0·66	1·68
5,210	527,083	101·2	362	236	53·6	34·0	42·4	5·78	1·68	4·27
4,293	359,213	83·7	244	160	-	-	-	-	-	-
5,170	162,978	31·5	137	73	53·3	29·9	41·4	5·22	1·68	4·27
4,666	89,796	19·2	67	42	-	-	-	-	-	-
7,220	179,315	24·8	97	87	51·0	32·8	41·8	5·45	2·02	5·13
21,572	293,189	13·8	229	133	53·0	33·0	42·5	5·84	1·36	3·45
19,651	282,130	14·4	211	123	53·0	30·0	41·2	5·11	1·69	4·29
3,635	140,002	38·5	117	51	49·0	29·0	40·2	4·55	0·71	1·80
3,306	110,382	33·4	89	56	50·0	35·0	42·3	5·73	0·41	1·04
5,371	142,231	26·5	101	53	-	-	-	-	-	-
4,191	218,729	52·2	132	85	51·0	28·0	39·7	4·28	0·84	2·13
6,033	555,933	92·1	410	219	46·0	34·0	40·9	4·94	0·74	1·88
10,050	314,666	31·3	163	158	54·2	26·8	42·2	5·67	1·04	2·64

* Meteorological Observers in the several towns, see note at foot of Table 4.
† English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by the and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Salford, however, this rule, as the estimate is based upon the rate of increase of inhabited houses within the borough during last July 1877. The population of Dublin is taken as stationary at the number enumerated in April 1871.

BIRTHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population persons, and in DUBLIN, during the Week ending Saturday, the 24th November, 1877.

ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.		
22·9	3·7	3103	806	563	27	121	118	21	91	75	44	92	173	423
23·2	3·8	1571	381	297	27	82	55	11	32	38	13	43	86	248
13·8	1·0	27	7	7	-	-	-	-	2	-	-	1	1	2
17·2	2·1	42	10	11	-	1	-	-	1	3	-	2	3	6
19·3	2·5	31	3	9	-	-	3	-	-	-	1	1	3	4
22·9	4·3	32	7	9	-	-	-	1	2	3	-	1	1	5
22·1	4·1	86	27	17	-	9	2	-	2	2	1	2	2	12
20·6	2·8	29	10	6	-	-	3	-	-	-	1	1	3	2
23·8	3·3	172	50	26	-	2	7	4	6	3	2	9	16	22
13·8	0·0	31	9	8	-	-	-	-	-	-	-	-	2	2
18·1	2·2	33	9	7	-	1	-	-	1	1	1	2	2	4
26·3	6·3	266	63	34	-	13	9	-	24	13	10	8	12	41
23·2	3·6	160	32	23	-	3	11	-	4	3	4	2	13	22
23·4	3·2	73	23	14	-	1	1	-	2	2	4	-	-	7
24·4	4·1	42	10	7	-	-	2	2	2	-	1	1	1	2
25·3	3·8	87	34	10	-	-	6	1	3	3	-	2	2	5
23·3	2·1	133	45	17	-	3	4	1	3	1	-	7	14	9
23·7	3·9	128	39	13	-	6	11	1	-	-	3	1	1	14
19·0	0·8	51	14	14	-	-	-	-	-	-	2	4	4	6
26·5	4·7	56	13	14	-	-	3	-	3	3	1	3	5	7
19·4	1·8	53	17	10	-	-	1	-	4	-	-	2	2	3
26·2	5·3	158	34	30	1	18	1	2	3	5	2	3	2	40

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the FORTY-SEVENTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2260	2158	2080	2138	2119	2277	2353	2392	2303	2367	2244·7	2398
Males . .	1168	1083	1063	1081	1083	1121	1217	1255	1192	1169	1143·2	1226
Females .	1092	1075	1017	1057	1036	1156	1136	1137	1111	1198	1101·5	1172
TOTAL Deaths	1426	1507	1676	1652	1863	1277	1674	1925	1504	1504	1600·8	1571
Males . .	699	748	852	860	917	647	892	958	763	761	809·7	816
Females .	727	759	824	792	946	630	782	967	741	743	791·1	755

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867–76, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Sept. 1.	Sept. 8.	Sept. 15.	Sept. 22.	Sept. 29.	Oct. 6.	Oct. 13.	Oct. 20.	Oct. 27.	Nov. 3.	Nov. 10.	Nov. 17.	Nov. 24.
TOTAL Deaths - - -	1238	1180	1261	1179	1237	1308	1321	1403	1499	1447	1448	1435	1571
0—20 - - -	657	579	631	528	588	600	602	665	750	727	742	750	815
20—40 - - -	198	181	196	194	179	207	183	188	193	216	190	192	209
40—60 - - -	177	208	195	215	209	216	240	230	242	227	238	242	230
60—80 - - -	174	178	196	196	221	227	250	274	252	231	233	215	233
at 80 years & upwds.	32	34	43	46	40	58	46	46	62	46	45	36	44
Deaths of children { Under 1 year -	404	349	329	272	314	299	315	307	358	342	337	323	331
{ 1—5 - - -	176	158	214	170	167	196	193	236	281	268	295	314	312
{ 5—20 - - -	77	72	88	86	107	105	94	122	111	117	110	113	122
Deaths from 7 principal Zymotic Diseases -	259	182	226	190	174	153	195	214	241	229	229	223	258
„ „ Small-pox - - -	20	8	10	10	13	14	14	8	14	9	25	14	27
„ „ Measles - - -	17	23	23	22	16	23	33	36	67	47	62	66	82
„ „ Scarlet fever - -	26	17	38	30	49	38	50	68	64	82	67	61	55
„ „ Diphtheria - - -	5	7	7	8	4	2	11	9	6	9	6	8	11
„ „ Whooping-cough -	19	19	32	18	18	21	10	21	28	24	15	23	34
„ „ Typhus fever - - -	5	2	3	2	2	3	3	5	3	4	1	2	5
„ „ Enteric (or Typhoid) fever -	12	17	23	24	17	15	21	36	32	31	35	26	29
„ „ Simple Cont. fever -	1	2	4	5	3	1	5	6	4	4	6	-	4
„ „ Diarrhoea - - -	154	87	86	71	52	36	48	25	23	19	12	23	19
„ „ Simple Cholera - -	7	6	1	2	2	1	1	-	1	-	-	-	-
„ „ Dis. of Respiratory Organs -	108	111	152	159	174	257	259	297	371	335	338	313	408
„ „ Phthisis - - -	148	154	146	158	148	163	149	151	159	158	140	150	163
„ „ Heart Diseases - -	71	69	82	67	71	84	89	79	63	91	81	87	93
Violent Deaths - - -	48	48	39	40	52	47	51	47	56	46	40	53	43
Inquest Cases - - -	79	92	74	74	81	83	93	91	99	94	77	96	85
Deaths in Public Institutions	227	217	245	235	241	266	264	235	276	259	269	257	248
TEMPERATURE OF THE AIR:													
Mean - - -	59·5	53·5	58·9	51·1	48·5	48·5	48·1	46·7	49·7	49·1	51·0	45·6	42·8
Mean of Highest readings -	69·6	65·2	67·0	59·8	60·5	62·2	56·2	57·9	56·4	56·7	57·1	52·0	48·9
Mean of Lowest readings -	53·1	44·3	53·3	44·6	40·1	36·1	40·9	37·5	43·6	42·1	45·1	38·8	36·3
Mean Temperature of the Water of the Thames -	64·3	61·3	59·5	58·7	55·3	54·4	52·7	51·5	-	50·7	50·6	49·2	45·5
Humidity of the Air - - -	76	72	78	81	86	79	77	72	87	80	86	88	84
Rain-fall in inches - - -	0·42	0·78	0·16	0·16	0·03	0·00	0·33	0·13	1·24	0·04	0·72	0·83	1·13
Registered Sunshine (in hours)	37·8	37·7	11·2	20·8	19·7	33·3	18·0	35·0	10·8	19·2	12·7	10·9	11·9

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., I.L.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-SEVENTH Week of the Year 1877.

In the Week ending Saturday, November 24, 1877.										In the Week ending Saturday, November 24, 1877.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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Average in the Forty-seventh Weeks of the 10 years 1867-76.*	ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.		Average in the Forty-seventh Weeks of the 10 years 1867-76.*	ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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CAUSES OF DEATH.										CAUSES OF DEATH.										
Mean Temperature										Mean Temperature										
										40°·1										
9. Stricture of Intestines										·5	2									
10. Fistula										·1	2									
11. Stomach Disease, &c.										6·1	7									
12. Pancreas Disease, &c.										-	1									
13. Hepatitis										2·2	3									
14. Jaundice										3·6	2									
15. Liver Disease, &c.										17·2	14									
16. Spleen Disease, &c.										-	-									
ORDER 5.																				
1. Nephritis										2·9	5									
10. Ischuria										·6	1									
3. Bright's Dis. (Nephria)										15·7	15									
4. Diabetes										3·0	4									
5. Calculus (Stone)										1·0	2									
6. Cystitis										1·8	-									
7. Kidney Disease, &c.										10·2	10									
ORDER 6.																				
1. Ovarian Dropsy										·5	2									
2. Uterus Disease, &c.										4·3	7									
ORDER 7.																				
1. Synovitis (Arthritis)										·2	-									
2. Joint Disease, &c.										7·1	6									
ORDER 8.																				
1. Phlegmon										2·6	4									
2. Ulcer										1·8	1									
3. Skin Disease, &c.										1·4	3									
IV. DEVELOPMENTAL DISEASES.																				
ORDER 1.																				
1. Premature Birth										23·5	28									
2. Cyanosis										2·8	4									
3. Spina Bifida										1·3	-									
4. Other Malformations										1·7	4									
5. Teething										11·3	14									
ORDER .																				
1. Paramenia										·1	-									
2. Childbirth (see Puer- peral Fever)										5·7	3									
ORDER 3.																				
1. Old Age										51·6	40									
ORDER 4.																				
1. Atrophy and Debility										62·5	60									
V. VIOLENT DEATHS, &c.																				
ORDER 1.																				
(ACCIDT. or NEGLIGENCE.)																				
1. Fractures & Contusions										18·3	18									
2. Wounds { Gunshot- Cut, Stab }										·7	{									
3. Burns and Scalds										6·7	7									
4. Poison										·8	1									
5. Drowning										2·9	4									
6. Suffocation										11·6	6									
7. Otherwise										3·2	1									
ORDER 3.																				
(HOMICIDE.)																				
1. Murder & Manslaughter										2·3	2									
ORDER 4.																				
(SUICIDE.)																				
1. Wounds { Gunshot- Cut, Stab }										·1	-									
2. Poison										1·6	-									
3. Drowning										1·0	2									
4. Hanging										·9	2									
5. Otherwise										·3	-									
ORDER 5.																				
(EXECUTION.)																				
1. Hanging										-	-									
Violent Deaths(not classed)										·8	-									
Sudden Deaths (Cause unascertained)										·8	1									
Causes not specified or ill-defined										4·9	-									

and be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1877.

is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, &c., during the Week

REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
					Deaths of		Deaths from										
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	
LONDON		3,254,260	2398	1571	381	297	27	82	55	11	32	5	29	4	13	43	
WEST DISTRICTS		561,359	369	255	63	54	-	18	6	3	6	1	2	1	3	12	
NORTH DISTRICTS		751,729	519	374	88	75	10	16	19	1	7	1	10	1	6	5	
CENTRAL DISTRICTS		334,369	199	130	18	21	-	5	9	-	1	-	3	-	-	4	
EAST DISTRICTS		639,111	534	328	76	62	10	20	5	2	3	2	5	1	1	9	
SOUTH DISTRICTS		967,692	777	484	131	85	7	23	16	5	15	1	9	1	3	13	
WEST DISTRICTS.																	
St. Mary Paddington WH		58728	38	25	7	5	-	3	-	-	1	-	-	-	-	3	
St. John Paddington H		38085	8	14	1	3	-	-	1	2	-	-	-	-	-	1	
Kensington Town W		91645	72	47	10	9	-	6	2	1	2	-	1	-	2	-	
Brompton H		28654	17	4	1	1	-	-	-	-	-	-	-	-	-	-	
St. Peter Hammersmith		6662	1	2	1	-	-	-	-	-	-	-	-	-	-	-	
St. Paul Hammersmith H		36029	41	21	8	2	-	-	1	-	-	-	-	-	-	1	
Fulham WvH		23350	36	16	6	2	-	-	-	-	-	-	-	1	-	-	
Chelsea South HHH		26420	9	9	1	4	-	-	1	-	-	-	-	-	-	-	
Chelsea North-west WHHHH		22926	29	18	3	5	-	-	-	-	1	-	-	-	-	1	
Chelsea North-east		21392	9	8	1	2	-	-	-	-	-	-	-	-	-	1	
Hanover Square H		18698	9	7	1	3	-	-	1	-	-	-	-	-	-	1	
May Fair WW		13358	7	7	2	4	-	2	-	-	-	-	-	-	1	1	
Belgrave HH		57972	35	20	8	1	-	-	-	1	-	-	1	-	-	1	
St. John Westminster HH		38478	27	18	11	1	-	5	-	-	-	-	-	-	1	1	
St. Margaret Westminster WH		27781	13	17	2	7	-	2	-	-	-	-	-	-	2	2	
Golden Square WH		12860	8	8	3	3	-	-	-	-	1	-	-	-	-	-	
Berwick-street H		20759	5	6	1	1	-	-	-	-	-	-	-	-	-	-	
St. Anne Soho HHHHH		17562	5	8	1	1	-	-	-	-	-	-	-	-	-	-	
NORTH DISTRICTS.																	
All Souls Marylebone HHHH		28579	8	8	1	-	-	-	-	-	-	-	-	-	-	-	
Cavendish Square HH		15425	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rectory Marylebone WH		26384	9	15	1	4	-	1	-	-	-	-	-	-	-	-	
St. Mary Marylebone HHH		21786	24	5	3	1	-	-	-	-	-	-	-	-	-	1	
Christchurch Marylebone H		33944	27	15	2	2	-	-	1	-	-	-	-	-	-	-	
St. John Marylebone H		33136	14	20	4	4	-	6	3	-	-	-	-	-	-	-	
Hampstead WvHH		32281	22	14	2	6	-	1	-	-	1	-	-	-	-	1	
Regent's Park Pancras		38200	18	13	6	1	-	1	-	-	-	-	-	-	-	-	
Tottenham-court vHHH		29370	17	21	2	4	-	-	1	-	1	-	-	-	-	-	
Gray's Inn Lane HHH		29221	23	11	2	2	-	1	-	-	-	-	3	-	-	-	
Somers Town		38533	23	9	4	1	-	-	-	-	-	-	-	-	-	-	
Camden Town WH		17943	10	9	2	5	-	-	-	-	-	-	-	-	1	-	
Kentish Town w		68198	58	37	7	7	-	2	-	-	-	-	2	-	1	1	
Islington West HHH		97320	71	49	13	9	-	3	3	-	2	-	1	-	-	1	
Islington East WvWH		115953	101	57	13	11	-	-	4	-	2	-	1	1	1	1	
Stoke Newington H		9841	8	6	1	3	-	-	-	-	-	-	-	-	-	-	
Stamford Hill		6598	3	1	1	-	-	-	-	-	-	-	-	-	-	-	
West Hackney		28069	16	10	4	2	-	1	-	-	-	-	-	-	2	1	
Hackney WvWH		50104	40	48	11	10	10	-	3	-	-	-	-	-	-	-	
South Hackney		30339	24	26	9	3	-	-	4	1	1	1	1	-	-	-	
CENTRAL DISTRICTS.																	
St. George Bloomsbury		17353	6	6	2	-	-	1	-	-	-	-	-	-	-	-	
St. Giles South WH		19109	14	6	2	1	-	-	-	-	-	-	-	-	-	-	
St. Giles North		16594	7	4	1	2	-	-	-	-	-	-	-	-	-	-	
Long Acre		11379	7	4	-	2	-	-	-	-	-	-	-	-	-	-	
Charing Cross HH		9859	4	2	-	-	-	-	-	-	-	-	-	-	-	-	
St. Mary-le-Strand		9378	3	6	2	-	-	-	-	-	-	-	-	-	-	-	
St. Clement Danes H		10723	4	5	1	1	-	-	-	-	-	-	-	-	-	-	
St. George-the-Martyr HHHHH		20521	10	11	1	2	-	-	-	-	-	-	-	-	-	1	
St. Andrew Eastern W		13529	3	9	1	2	-	3	-	-	-	-	-	-	-	-	
Saffron Hill H		9066	1	2	-	-	-	-	-	-	-	-	-	-	-	1	
St. James Clerkenwell W		18917	15	8	1	5	-	1	-	-	-	-	1	-	-	-	
Amwell Clerkenwell		16884	19	3	-	-	-	-	-	-	-	-	-	-	-	-	
Pentonville		13337	10	5	1	-	-	-	1	-	-	-	-	-	-	-	
Goswell-street		16242	12	9	-	1	-	-	2	-	-	-	-	-	-	-	
Old-street H		12161	5	7	1	-	-	-	2	-	-	-	-	1	-	-	
City-road HHL		18301	34	17	4	1	-	-	2	-	-	-	-	-	-	-	
Whitecross-street		13792	11	1	-	-	-	-	-	-	-	-	-	-	-	-	
Finsbury		10741	6	2	-	-	-	-	-	-	-	-	-	-	-	-	
St. Botolph East London H		14540	11	6	-	1	-	-	-	-	-	-	-	-	-	-	
Cripplegate		13638	5	3	-	1	-	-	1	-	-	-	1	-	-	1	
St. Sepulchre H		7562	2	7	-	-	-	-	-	-	-	-	-	-	-	-	
St. Bride W		11185	5	3	1	1	-	-	-	-	1	-	-	-	-	-	
Castle Baynard		4426	-	1	-	-	-	-	-	1	-	-	-	-	-	-	
Christchurch		6270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Queenhithe		4753	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Allhallows Barking		5764	-	2	-	-	-	-	-	-	-	-	-	-	-	-	
Broad-street H		7345	3	1	-	1	-	-	-	-	-	-	-	-	-	-	

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see at the foot of next page.

A, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
 ember 1877.

The DEATHS registered in the Week include																	
DISTRICTS.	Enu- merated Popu- lation, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.		
ST. MARTIN'S.																	
HL†	12430	6	1	-	-	-	1	-	-	-	-	-	-	-	-	1	-
-	16545	7	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-
-	27835	27	13	3	6	-	1	-	-	-	-	-	-	-	-	-	4
-	26933	18	9	2	-	1	-	-	-	-	-	-	-	-	-	-	-
-	43421	31	20	2	4	-	-	1	-	-	-	3	-	-	-	-	6
ST. MARY'S.																	
WHL†	29822	26	13	4	2	1	-	1	-	-	-	-	-	-	-	-	-
-	42433	37	21	5	2	-	-	-	-	-	-	-	-	-	1	1	5
-	26577	25	11	1	4	-	-	-	-	-	-	-	-	-	-	-	-
-	21272	26	7	2	-	-	-	-	-	-	-	-	-	-	1	2	-
ST. MICHAEL'S.																	
-	22499	16	11	6	-	-	-	-	-	-	-	-	-	1	-	1	1
-	15550	14	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-
-	11597	4	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
-	7322	3	19	-	4	-	-	-	1	-	-	-	-	-	1	1	15
-	10381	9	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
-	9224	5	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-
ST. NICHOLAS.																	
-	17900	7	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-
-	21350	16	9	4	2	-	-	-	-	-	-	-	-	-	-	1	-
W	8802	5	8	2	1	-	1	-	-	-	-	-	-	-	-	-	3
-	11640	8	6	3	-	-	2	-	-	-	-	-	-	-	-	-	2
-	16131	17	8	1	-	-	-	-	-	2	-	1	-	-	2	2	-
-	20919	29	13	-	2	1	3	-	-	-	1	-	-	-	-	-	-
ST. PETER'S.																	
W	38128	32	25	5	5	1	2	-	-	1	-	-	-	-	1	1	-
W	55024	55	37	10	10	4	1	-	-	-	-	-	-	-	3	6	5
-	67765	58	48	9	12	2	7	2	2	-	1	1	1	-	-	-	11
-	48611	50	21	7	2	-	2	-	-	-	-	-	-	-	-	2	-
ST. PAUL'S.																	
WH	14573	12	3	-	2	-	-	-	-	-	-	-	-	-	-	-	1
H	15677	12	7	2	-	-	-	-	-	2	-	-	-	-	-	-	-
-	20421	13	11	4	-	-	-	-	-	-	-	-	-	-	-	1	-
-	16695	14	12	6	2	-	-	-	-	-	-	-	-	-	-	-	-
-	18961	11	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-
-	23682	21	4	4	-	-	-	-	-	-	-	-	-	-	-	1	-
-	48248	30	21	2	5	-	2	3	-	-	-	-	-	-	-	-	7
-	16792	12	7	2	-	-	1	-	-	-	-	-	-	-	-	-	-
ST. PETER'S.																	
W	4373	2	6	-	-	-	-	-	-	-	-	-	-	-	-	1	5
-	10500	10	7	3	-	-	-	-	-	-	-	-	-	2	-	-	1
-	16787	8	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-
-	15709	13	11	2	5	-	-	-	-	1	-	-	-	-	-	-	-
-	47933	47	16	7	2	-	-	-	-	2	-	-	-	-	2	8	5
-	27096	32	23	5	3	-	3	-	-	3	-	1	-	-	-	1	2
ST. PETER'S.																	
-	14074	15	3	1	1	-	-	-	-	-	-	-	-	-	-	1	-
-	18465	17	4	1	1	-	-	-	-	-	-	-	-	-	-	2	-
-	19492	12	13	4	3	-	1	3	-	-	-	-	-	-	3	3	10
W	35833	34	26	8	7	-	-	-	-	2	-	1	-	1	-	1	12
-	41286	32	16	4	6	1	-	-	-	1	-	-	-	-	-	-	-
-	31221	13	14	1	5	-	-	4	-	-	-	-	-	-	2	2	-
-	35435	26	24	4	2	5	-	-	1	-	-	1	-	-	1	2	5
-	12536	7	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-
ST. PETER'S.																	
-	27347	20	8	5	1	-	-	-	-	-	-	-	-	-	-	-	1
-	54016	70	43	16	4	-	4	-	-	-	-	1	1	-	1	2	3
-	19783	12	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-
-	9439	9	5	3	1	-	-	-	-	-	-	-	-	-	-	-	-
-	14175	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ST. PETER'S.																	
-	4041	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
-	31254	28	25	4	5	-	2	4	-	1	-	-	-	-	-	-	-
-	42160	48	29	11	6	1	2	-	-	1	-	2	-	-	1	1	8
-	33851	86	16	5	3	-	3	-	-	1	-	1	-	-	-	-	-
ST. PETER'S.																	
-	53714	35	22	7	4	-	2	-	-	-	1	-	-	-	-	-	-
-	6474	1	8	1	1	-	1	-	-	-	-	-	-	-	-	-	-
-	21034	21	4	-	1	-	-	-	-	-	-	-	-	-	1	2	-
-	19378	18	14	2	3	-	-	-	-	-	-	-	-	-	1	-	9
ST. PETER'S.																	
-	4539	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	16440	12	6	1	2	-	-	-	1	-	-	-	-	-	-	-	-
-	11513	6	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-
-	19065	9	6	-	-	-	-	1	-	-	-	-	-	-	-	1	-
ST. PETER'S.																	
-	9564	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	17226	13	6	1	2	-	1	-	-	-	-	-	-	-	-	-	-
H	18331	15	15	4	2	-	-	-	-	-	-	-	-	-	-	-	1
-	13027	8	7	1	2	-	-	1	-	1	-	1	-	-	-	-	-
-	15232	10	4	1	-	-	-	-	-	-	-	1	-	-	-	-	1

USE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the

Asylum in Tottenham-court sub-district.

Kentish Town sub-district.

see in Islington East sub-district.

see " Hackney sub-district.

" Hoxton New Town sub-district.

" Mile End Old Town Eastern sub-dist.

of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston sub-

† Private Lunatic Asylums in which paupers are received.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and
 Bow sub-district.

Stepney

Poplar & Stepney Sick Asylum

Westminster Union Industrial School in Battersea sub-district.

Metropolitan District Hospitals in Fulham, Hampstead, Hack-

ney, Brixton, and St. Paul Deptford sub-districts.

TABLE 7. LONDON — OUTER RING. — AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 24th November 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enume- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include									
						Deaths of		Deaths from							
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.
	LONDON — OUTER RING	368,414	631,381	486	252	56	61	6	6	12	4	3	3	1	8
29:1	Carshalton <i>wL</i> - - -	12228	13523	9	5	-	2	-	-	-	-	-	-	-	-
2	Epsom (<i>part of</i>) * <i>WH</i> -	9971	9145	8	4	1	2	-	-	-	-	-	-	-	-
36:1	Godstone (<i>part of</i>) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-
37:1	Croydon <i>WWH</i> - - -	20851	71319	47	26	3	9	-	-	1	1	-	2	-	1
2	Mitcham <i>WH</i> - - -	11697	12534	10	11	2	3	-	-	-	-	-	-	-	-
38:1	Wimbledon <i>HH</i> - - -	3220	9087	10	1	-	1	-	-	-	-	-	-	-	1
2	Kingston <i>WH</i> - - -	8549	27489	27	9	2	3	-	-	-	-	-	-	-	1
3	Esher (<i>part of</i>) * - - -	6601	7353	7	2	-	-	-	-	-	-	-	-	-	-
4	Hampton - - -	4573	10185	9	3	1	-	-	-	1	-	-	-	-	-
39:1	Richmond <i>WH</i> - - -	2271	16829	7	8	1	2	-	-	-	-	-	-	-	1
2	Mortlake - - -	2961	9316	9	1	-	-	-	-	-	-	-	-	-	-
40:1	Bromley (<i>part of</i>) * <i>HH</i> -	15669	19509	22	4	3	-	-	-	-	-	-	-	-	-
2	Chislehurst (<i>part of</i>) * <i>W</i> -	13665	10028	6	8	-	2	3	-	1	-	-	-	-	-
41:1	Bexley <i>H</i> - - -	13439	19566	11	6	-	3	-	-	-	-	-	-	-	1
123:1	Sunbury <i>W</i> - - -	11055	9860	4	3	1	-	-	-	-	-	-	-	-	1
2	Staines <i>W</i> - - -	13277	10339	5	1	-	-	-	-	-	-	-	-	-	-
124:1	Hillingdon <i>WH</i> - - -	6029	9712	2	3	-	1	-	-	-	-	-	-	-	-
2	Uxbridge - - -	6178	5329	2	3	-	2	-	1	-	-	-	-	-	-
3	Hayes <i>WL</i> - - -	14587	10497	3	5	1	2	-	-	-	-	-	-	-	-
125:1	Isleworth <i>W</i> - - -	7008	19930	11	12	2	5	-	-	-	-	-	-	-	-
2	Twickenham - - -	2477	10533	11	6	1	2	-	-	-	-	-	-	-	2
3	Brentford <i>HL</i> - - -	4370	20279	8	4	-	-	-	-	-	-	-	-	-	-
4	Chiswick - - -	1811	8506	12	1	1	-	-	-	-	-	-	-	-	-
5	Acton <i>WH</i> - - -	6087	12683	13	4	1	2	-	-	-	-	-	-	-	-
126:1	Harrow <i>H</i> - - -	13809	10869	9	-	-	-	-	-	-	-	-	-	-	-
2	Edgware <i>H</i> - - -	6994	3450	1	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - -	4383	15869	15	8	5	-	-	-	-	1	2	-	-	-
4	Hendon <i>WH</i> - - -	8382	6972	9	4	-	3	-	-	-	-	-	-	-	-
127:1	South Mimms - - -	15419	5924	3	3	2	-	-	-	-	-	-	-	-	1
2	Barnet <i>W</i> - - -	5423	7752	8	1	-	1	-	-	-	-	-	-	-	-
3	Finchley <i>L</i> - - -	4688	11493	8	6	-	1	-	-	-	-	-	-	-	-
128:1	Hornsey <i>H</i> - - -	3039	19357	19	6	2	1	-	1	-	1	-	-	-	-
2	Tottenham <i>H</i> - - -	4642	22869	15	7	1	1	-	-	-	-	-	1	-	-
3	Edmonton <i>WW</i> - - -	7483	13860	12	11	3	4	-	1	-	-	1	-	-	-
4	Enfield <i>WH</i> - - -	12653	16054	18	5	2	1	-	-	-	1	-	-	-	-
5	Waltham Abbey - - -	11017	5197	-	3	1	-	-	1	-	-	-	-	-	-
6	Cheshunt - - -	8493	7518	-	2	-	1	-	-	-	-	-	-	-	-
134:1	Hatfield (<i>part of</i>) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-
136:1	Bushey - - -	9023	6472	2	2	1	-	-	-	-	-	-	-	-	-
185:1	Stratford - - -	882	23286	22	8	3	-	-	-	1	-	-	-	-	-
2	West Ham <i>WWW</i> - - -	7345	44642	57	29	7	2	2	-	8	-	-	-	1	-
3	Leyton <i>WW</i> - - -	4274	15513	9	10	2	-	1	2	-	-	-	-	-	-
4	Walthamstow <i>H</i> - - -	6619	15701	14	9	5	-	-	-	-	-	-	-	-	-
186:1	Chigwell (<i>part of</i>) * <i>H</i> -	10483	8169	5	3	2	1	-	-	-	-	-	-	-	-
188:1	Romford (<i>part of</i>) * - -	6730	2879	3	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - -	8492	5947	-	3	-	2	-	-	-	-	-	-	-	-
3	Barking Town - - -	4123	6576	4	2	-	2	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warrington and Farley in the sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chislehurst (pop. 134: 1, only the parish of Northaw in Hatfield sub-district; 186: 1, the whole of the Chigwell sub-district, except the parish of Throghmorton (pop. 798); 188: 1, only the parish of Dagenham in Romford sub-district.

GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 24th November 1877.

Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
		From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from										Deaths in Public Institutions.
					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhea.	Violence.			
446,494	4,367,547	21·8	3·5	1823	437	358	33	88	67	15	35	41	14	51	286		
78,080	3,533,484	23·2	3·8	1571	381	297	27	82	55	11	32	38	13	43	248		
368,414	834,063	15·8	2·2	252	56	61	6	6	12	4	3	3	1	8	38		

The Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,189 acres are foreshore and tidal water; its area is, therefore, 122 square miles, equal to the square of a little more than a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES.

	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
-	429,535	October 20	-	304	36·9	Fevers 109; cholera 39.
-	644,405	" 23	-	639	51·6	Measles 40; cholera 7.
-	397,552	" 5	311	720	94·1	Small-pox 34; cholera 34; dysentery 169.
-	1,988,806	November 22	-	805	21·1	Diphtheria 26; typhoid fever 15.
-	67,829	" 17	26	19	14·6	—
-	173,000	" 17	90	75	22·5	Measles 4.
-	289,981	" 10	182	116	20·3	Typhus and typhoid fever 4.
-	186,231	" 10	113	58	22·0	Whooping-cough 2.
-	104,095	" 10	75	40	20·0	—
-	215,000	" 20	139	89	21·6	Typhoid fever 2.
-	146,845	" 10	-	69	24·4	Typhoid fever 2.
-	79,000	" 17	64	17	11·2	Whooping-cough 2.
BRGH	669,741	October 27	-	403	31·4	Sm.-pox 9; scar. fev. 12; typhus & typhd. fev. 28.
-	997,269	November 3	835	475	24·4	Scarlet fever 25; typhus 21; diphtheria 18.
ate)	393,588	" 3	312	187	24·8	—
-	202,295	" 10	159	84	21·3	Diphtheria and croup 7; scarlet fever 3.
-	257,000	" 17	173	125	25·3	—
-	215,000	" 17	172	119	29·0	Diphtheria and croup 9; typhoid fever 2.
-	714,548	" 17	523	301	21·9	Small-pox 8; diphtheria 23.
-	315,401	" 10	210	204	33·6	Scarlet fever 4; diphtheria 7.
-	280,564	" 3	-	-	-	—
-	454,948	October 28	-	216	24·7	Typhus and typhoid fever 6.
-	223,488	November 3	144	98	22·3	Typhus and typhoid fever 3.
-	139,796	" 17	60	59	21·9	—
-	212,034	" 7	199	170	41·8	Whooping-cough 8.
-	1,077,228	October 27	-	429	20·7	Scarlet fever 8; diphtheria 24.
-	527,830	" 27	-	196	19·3	Scarlet fever 11; diphtheria 17.
A -	850,856	November 3	-	238	14·6	Scarlet fever 8; typhoid fever 9; diphtheria 6.
-	363,000	October 27	-	129	18·4	Typhoid fever 6; diphtheria 7.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 24th NOVEMBER, 1877.

[Under the Superintendence of the Astronomer Royal.]

MOON.		BARO-METER.				READINGS OF THERMOMETERS.										DIFFERENCE				WIND.					RAIN.																																																																																																																																																																																																																																																																																																																																																																																																																								
		Mean daily reading (corrected and reduced to 32° Fahr. height)		Dew Point.		Highest in the sun, as shown by a self-registering thermometer with bulb in vacuo, placed on the Grass.		Lowest on the Grass, as shown by a self-registering thermometer with Minimum Thermometer.		In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between Dew Point and Temperature.		Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*		Degree of Humidity, complete saturation being represented by 100.		As deduced from Anemometers.			Collected in a Gauge whose receiving surface is 5 in. above the ground.																																																																																																																																																																																																																																																																																																																																																																																																																												
Phases of Moon.		High-est.	Low-est.	Range in day.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.		Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	Mean daily value.	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DATE.

NOVEMBER.

SUNDAY . 18

MONDAY . 19

TUESDAY . 20

WEDNESDAY 21

THURSDAY . 22

FRIDAY . 23

SATURDAY . 24

Electricity.

The electrical ap-
paratus was not in
action throughout
the week.

Registered
Sunshine,
in hours.

0.7

0.7

2.6

0.0

2.5

5.4

0.0

Sum
11.9

Sun above
Horizon,
in hours.

8.7

8.6

8.6

8.5

8.5

8.4

8.4

Sum
69.7

SKY AND ATMOSPHERE.

Fine. Cloudy till afternoon ; cloudless at night.

Generally overcast. Rain fell throughout the after-
noon.

Fine. Cloudy in afternoon ; at other times the
amount of cloud was small.

Overcast generally. Showery in afternoon and
evening.

Fine generally. Showery. A gale of wind.

A very fine day. The amount of cloud was small.
A gale of wind throughout the morning. Lunar halo
at night.

Overcast. Heavy rain with strong wind throughout
the afternoon and evening.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873. *In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and - "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight. The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident Inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police. The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day from 50.9 in. at the beginning of the week to 53.3 in. at the end of the week, the difference being 2.4 in. The difference between the actual and the deduced duration of bright sunshine is 0.1 in. The difference between the actual and the deduced duration of bright sunshine is 0.1 in. The difference between the actual and the deduced duration of bright sunshine is 0.1 in.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PRINTED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

1877.VOL. XXXVIII.] WEEK ENDING SATURDAY, DECEMBER 1. [Price 1½d.

*General Register Office, Somerset House,
3rd December, 1877.*

UNITED KINGDOM.

Last week 5934 *births* and 3748 *deaths* were registered in LONDON and TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2186. The mortality from all causes was at the average rate of 23·2 deaths annually in every 1000 persons living. The annual death-rate per 1000 in Edinburgh, 25 in Glasgow, and 31 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

Annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS ranged in order from the lowest, were as follow:—Portsmouth 14, Leicester 18, Hull 18, Norwich 18, Nottingham 18, Plymouth 23, Salford 23, London 23, Sunderland 24, Sheffield 24, Manchester 24, Liverpool 24, Newcastle 25, Birmingham 27, Leeds 27, Oldham 31, and the rate 33 in Wolverhampton. The annual death-rate from the seven principal zymotic diseases averaged 3·6 per 1000 in the twenty towns, and ranged from 1·6 in Hull and Portsmouth, to 6·4 and 7·5 in Wolverhampton and Manchester. The high zymotic rate was due to scarlet fever, both in Wolverhampton and Norwich, and this disease also showed fatal prevalence in Sheffield, which caused 31 deaths in London, one in Liverpool, and one in Birmingham, and no death resulted from this disease in any of the seventeen other towns.

LONDON.

LONDON 2636 BIRTHS and 1579 DEATHS were registered. Allowing for the increase of population, the births exceeded by 270, while the deaths were 172 below the average numbers in the corresponding week of the last ten years. The death-rate from all causes, which in the two preceding weeks had been 21·2, and 23·2 per 1000, further rose last week to 23·3.

1579 deaths included 31 from small-pox, 81 from measles, 52 from scarlet fever, 27 from diphtheria, 27 from whooping-cough, 36 from different forms of typhoid, 16 from diarrhœa; thus to the seven principal diseases of the zymotic class 223 deaths were referred, against 223 and 258 in the two preceding weeks. 158 deaths were 33 below the corrected average number from the same causes in the corresponding week of the last ten years, and were equal to an average of 3·7 per 1000. The 81 fatal cases of measles were within one week returned in the previous week, and exceeded the corrected weekly average. 8 occurred in Kensington and Paddington, 8 in Pancras, 4 in Clerkenwell, 5 in Bethnal Green, 5 in St. George's-in-the-East, 8 in Bow, and 5 in Camberwell. Deaths from scarlet fever showed a further decline from the numbers in the two preceding weeks, and were 36 below the corrected average, including 24 in the North, 12 in the East groups of districts; 6 were returned in Camden Town and Islington, 12 in Islington, 4 in Clerkenwell, and 5 in Shoreditch. The whooping-cough continues below the average; the 27 deaths from this disease included 4 in Chelsea, 4 in Islington, and 4 in Lambeth. The deaths from fever, which had been 28 and 38 in the two previous weeks, were 8 below the corrected weekly average; they included one fatal case of typhoid, 30 of enteric or typhoid, and 5 of simple fever. The death referred to occurred at 15, Warden Road, Kentish Town, and was certified, "rheumatism 21 days, typhoid fever 5 days." Of the 30 deceased enteric fever patients 15 were in Hackney, 2 in Pancras, 2 in Islington, 2 in Bethnal Green, 3 in Bow, and 3 in Lambeth. The fever (typhoid and enteric) patients in the Metropolitan Asylum and London Fever Hospitals, which had been 148 and 153 in the two preceding weeks, were 155 on Saturday last.

Deaths from small-pox, which had been 14 and 27 in the two preceding weeks, further rose to 31 last week, a higher number than in any week since the 1st of July last; 12 occurred in the Metropolitan Asylum Hospitals, 4 in the

Highgate Small-pox Hospital, and 15 in private dwellings. Seven of the deceased small-pox patients had resided in Stepney, 5 in Mile End Old Town, 5 in Camberwell, and 4 in Islington. During the past four weeks the deaths of 14 residents of Mile End Old Town have been referred to small-pox, of which but three were recorded in hospital. Of the 31 fatal cases, 10 were certified as unvaccinated and 9 as vaccinated, while in 12 cases the medical certificates gave no information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which had increased in the eight preceding weeks from 137 to 232, further rose during last week to 256; 54 new cases were admitted during the week, against 58 and 78 in the two previous weeks. The Highgate Small-pox Hospital contained 19 patients on Saturday last; the numbers at the end of the two preceding weeks having been 16 and 23, respectively.

The deaths referred to diseases of the respiratory organs, which had been 313 and 409 in the two previous weeks, rose to 417 last week, but were 64 below the corrected average; 261 resulted from bronchitis, and 116 from pneumonia.

Different forms of violence caused 45 deaths; 42 were the result of negligence or accident, including 19 from fractures and contusions, 6 from burns and scalds, 2 from drowning, and 13 of infants under one year of age from suffocation. The 19 deaths from fractures and contusions were thus caused:—males aged 18 and 56, fell from carts; male 30, fell from van; male 47, run over (nature of vehicle not stated); males 40, 55, and 60, run over on railways; males 37 and 76, and female 78, fell down stairs; male 57, fell from a ladder; male 28, fell from a loft; male 1, fell from a tub; female 53, fell into a vault; male 13, jammed in a lift; male 31, fell 40 feet; male 11, fall of beer-cask upon him; male 15, fall of mast upon him; and female 87, fell to the ground with a rickety chair. An inquest was held in each of these 19 cases, except the last, which was certified by a registered medical practitioner.

The mean temperature of the air at the Greenwich Observatory during November was $45^{\circ}\cdot6$, and exceeded by $3^{\circ}\cdot3$ the average temperature for the month in 100 years. The rainfall of the month amounted to 3·4 inches, measured on 18 days, and exceeded by 1·1 inches the average amount in the corresponding period of 61 years. The rainfall of the first eleven months of this year was 65·1 inches, and exceeded the average amount by 1·8 inches.

GREATER LONDON.

In Greater London 3143 births and 1879 deaths were registered, equal to annual rates of 37·5 and 22·4 per 1000 of the population. In the Outer Ring, 2 deaths were referred to small-pox in West Ham, one in Willesden, and one in Chigwell. Measles caused 3 deaths in Edmonton, and scarlet fever 4 in West Ham. Two fatal cases of enteric fever and 2 of diphtheria were registered in Croydon, and a resident of Croydon died from small-pox in the Metropolitan Asylum Small-pox Hospital at Stockwell.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 35, Bombay 46, Madras 87; Paris 23; Geneva 24; Brussels 23; Amsterdam 19, Rotterdam 24, The Hague 13; Copenhagen 24, Stockholm 27; Christiania 22; St. Petersburg 32; Berlin 22, Hamburg 25, Dresden 21, Breslau 24, Munich 30; Vienna 26; Buda-Pesth 37, Turin 20, Venice 20; Alexandria 41; New York 22, Brooklyn 19, Philadelphia 15, and Boston 16.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·20 in.; the highest reading was 29·85 in. on Sunday evening, and the lowest 28·67 in. on Thursday morning. The mean temperature of the *air* was $41^{\circ}\cdot9$, and $0^{\circ}\cdot3$ above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average on Sunday, Monday and Saturday, whereas it showed an excess on each of the other days; it ranged from $37^{\circ}\cdot9$ on Sunday, to $47^{\circ}\cdot7$ on Tuesday. The lowest night temperature was $31^{\circ}\cdot9$ on Monday, and the highest day temperature in the shade $52^{\circ}\cdot5$ on Tuesday; the extreme range in the week was, therefore, $20^{\circ}\cdot6$. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was $76^{\circ}\cdot0$ on Wednesday. The difference between the mean *dew-point* and *air* temperature averaged $3^{\circ}\cdot8$. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was $43^{\circ}\cdot0$. The mean degree of *humidity* of the air was 86, complete saturation being represented by 100; the air was therefore of an average dryness. The general direction of the *wind* was South-westerly, and the horizontal movement of the air averaged 13·7 miles per hour, which was 1·0 above the average in the corresponding week of 16 years. *Rain* fell on four days of the week to the aggregate amount of 1·07 of an inch. The duration of registered sunshine in the week was 12·3 hours, the sun being above the horizon during 57·4 hours; the recorded duration of sunshine was, therefore, equal to 21·4 per cent. of its possible duration.

THS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 1st December 1877.

Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.f	Persons to an Acre. (1877.)	Registered during the Week ending 1st December 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
			BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
212,831	8,166,734	38.4	5934	3748	54.0	26.7	40.7	4.83	1.00	2.54
75,362	3,533,484	46.9	2638	1579	52.5	31.9	41.9	5.50	1.07	2.72
2,354	102,264	43.4	53	45	53.0	33.0	43.1	6.17	2.00	5.08
4,486	127,144	28.3	88	35	54.0	34.0	44.5	6.95	-	-
7,472	84,023	11.2	45	29	50.0	32.0	41.2	5.11	1.09	2.77
1,395	72,911	52.3	36	32	54.0	34.0	44.3	6.84	2.62	6.62
4,452	202,950	45.6	143	70	50.9	31.4	42.4	5.78	1.65	4.19
3,393	73,339	21.6	49	46	47.6	30.5	37.7	3.17	0.75	1.90
8,400	377,436	44.9	307	194	-	-	-	-	-	-
3,200	117,461	36.7	82	37	48.8	32.2	40.1	4.50	0.67	1.70
1,996	95,025	47.6	73	33	48.3	28.0	38.7	3.72	0.59	1.50
5,210	527,083	101.2	331	246	49.2	37.2	42.0	5.56	1.33	3.38
4,293	359,213	83.7	222	167	-	-	-	-	-	-
5,170	162,978	31.5	146	72	48.9	23.7	39.3	4.06	1.49	3.78
4,666	89,796	19.2	79	51	-	-	-	-	-	-
7,220	179,315	24.8	128	87	43.0	32.5	39.3	4.03	0.89	2.26
21,572	298,189	13.8	230	157	49.0	32.0	39.6	4.23	0.60	1.52
19,651	282,130	14.4	217	131	49.0	33.0	40.1	4.50	0.83	2.11
3,635	140,002	38.5	127	57	43.0	29.0	38.9	3.83	0.59	1.50
3,306	110,382	33.4	86	50	47.0	35.0	40.2	4.55	0.40	1.02
5,371	142,231	26.5	97	69	-	-	-	-	-	-
4,191	218,729	52.2	155	102	46.3	31.5	37.8	3.23	0.38	0.97
6,033	555,933	92.1	392	271	-	-	-	-	-	-
10,050	314,666	31.3	162	135	53.0	33.6	41.1	5.03	0.10	0.25

Meteorological Observers in the several towns, see note at foot of Table 4.

English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by the and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Salford, however, his rule, as the estimate is based upon the rate of increase of inhabited houses within the borough during at July 1877. The population of Dublin is taken as stationary at the number enumerated in April 1871.

IS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population persons, and in DUBLIN, during the Week ending Saturday the 1st December 1877.

ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions
			Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.		
23.5	3.6	3190	797	605	33	121	121	12	91	67	45	101	180	458
23.3	3.7	1579	375	308	31	81	52	5	27	33	16	45	77	267
23.0	2.0	45	10	14	-	-	-	-	4	-	-	2	3	5
14.4	1.6	35	7	7	-	1	-	-	-	2	1	1	2	2
18.0	7.5	29	12	4	-	-	8	-	-	2	2	-	-	1
22.9	5.0	32	4	7	-	-	1	1	4	1	-	1	1	4
18.0	2.3	70	20	16	-	4	-	2	1	1	1	1	2	10
32.7	6.4	46	11	11	-	-	7	-	1	-	1	-	-	4
26.8	5.3	194	52	25	1	9	4	2	11	8	3	12	21	22
16.4	1.8	37	9	8	-	-	-	-	2	1	1	2	2	7
18.1	2.2	33	9	9	-	1	1	-	1	-	1	-	3	4
24.4	4.6	246	58	40	1	6	12	2	16	3	6	15	19	35
24.3	2.2	167	28	38	-	1	8	-	2	1	3	4	19	33
23.0	2.2	72	13	10	-	-	2	-	2	2	1	3	7	5
31.4	4.1	54	18	12	-	-	3	-	2	-	2	2	2	6
25.3	2.9	87	32	13	-	-	5	-	2	1	2	3	5	8
27.5	3.7	157	53	20	-	12	1	-	4	2	2	-	4	18
21.2	5.2	131	34	14	-	6	13	-	3	4	2	2	4	6
21.2	0.4	57	19	14	-	-	-	-	-	-	1	1	1	5
23.6	3.3	50	11	13	-	-	1	-	4	2	-	2	2	3
25.3	3.3	69	16	19	-	-	3	-	5	1	-	5	6	10
30.7	3.0	185	33	52	-	11	-	2	1	2	2	7	7	49

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the FORTY-EIGHTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2017	2152	2141	2178	2211	2303	2222	2391	2072	2421	2210·8	2636
Males . . .	1015	1117	1125	1122	1075	1168	1127	1274	1049	1246	1131·8	1343
Females . .	1002	1035	1016	1056	1136	1135	1095	1117	1023	1175	1079·0	1293
TOTAL Deaths	1588	1561	1705	1482	1918	1221	1585	2122	1628	1558	1636·8	1579
Males . . .	826	749	850	743	935	608	769	1044	806	792	812·2	785
Females . .	762	812	855	739	983	613	816	1078	822	766	824·6	794

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867-76 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Sept. 8.	Sept. 15.	Sept. 22.	Sept. 29.	Oct. 6.	Oct. 13.	Oct. 20.	Oct. 27.	Nov. 3.	Nov. 10.	Nov. 17.	Nov. 24.	Dec. 1.
TOTAL Deaths - - -	1180	1261	1179	1237	1308	1321	1403	1499	1447	1448	1435	1571	1579
0—20 - - -	579	631	528	588	600	602	665	750	727	742	750	815	804
20—40 - - -	181	196	194	179	207	183	188	193	216	190	192	209	212
40—60 - - -	208	195	215	209	216	240	230	242	227	238	242	250	245
60—80 - - -	178	196	196	221	227	250	274	252	231	233	215	253	257
at 80 years & upwds.	34	43	46	40	58	46	46	62	46	45	36	41	41
Deaths of children { Under 1 year - - -	349	329	272	314	299	315	307	358	342	337	323	381	375
{ 1—5 " - - -	158	214	170	167	196	193	236	281	268	295	314	312	320
{ 5—20 " - - -	72	88	86	107	105	94	122	111	117	110	113	122	129
Deaths from 7 principal Zymotic Diseases {	182	226	190	174	153	195	214	241	229	229	223	258	245
" " Smallpox - - -	8	10	10	13	14	14	8	14	9	25	14	27	31
" " Measles - - -	23	23	22	16	23	33	36	67	47	62	66	82	81
" " Scarlet Fever - - -	17	38	30	49	38	50	68	64	82	67	61	55	51
" " Diphtheria - - -	7	7	8	4	2	11	9	6	9	6	8	11	11
" " Whooping-cough - - -	19	32	18	18	21	10	21	28	24	15	23	32	30
" " Typhus fever - - -	2	3	2	2	3	3	5	3	4	1	2	5	1
" " Enteric (or Typhoid) fever - - -	17	23	24	17	15	21	36	32	31	35	26	29	30
" " Simple Cont'd fever - - -	2	4	5	3	1	5	6	4	4	6	-	4	3
" " Diarrhoea - - -	87	86	71	52	36	48	25	23	19	12	23	13	16
" " Simple Cholera - - -	6	1	2	2	1	1	-	1	-	-	-	-	-
" " Dis. of Respiratory Organs - - -	111	152	159	174	257	259	297	371	335	338	313	409	417
" " Phthisis - - -	154	146	158	148	163	149	151	159	158	140	150	163	153
" " Heart Diseases - - -	69	82	67	71	84	89	79	63	91	81	87	93	116
Violent Deaths - - -	48	39	40	52	47	51	47	56	46	40	53	43	45
Inquest Cases - - -	92	74	74	81	83	93	91	99	94	77	96	86	86
Deaths in Public Institutions	217	245	235	241	266	264	235	276	259	269	257	248	267
TEMPERATURE OF THE AIR:													
Mean - - -	53·5	58·9	51·0	48·5	48·5	48·1	46·7	49·7	49·1	51·0	45·6	42·6	41·9
Mean of Highest readings - - -	65·2	67·0	59·8	60·5	62·2	56·2	57·9	56·4	56·7	57·1	52·0	48·9	47·9
Mean of Lowest readings - - -	44·3	53·3	44·6	40·1	36·1	40·9	37·5	43·6	42·1	45·1	38·8	36·3	39·6
Mean Temperature of the Water of the Thames - - -	61·3	59·5	58·7	55·3	54·4	52·7	51·5	-	50·7	50·6	49·2	45·5	43·9
Humidity of the Air - - -	72	78	81	86	79	77	72	87	80	86	88	84	85
Rain-fall in inches - - -	0·78	0·16	0·16	0·03	0·00	0·33	0·13	1·24	0·04	0·72	0·83	1·12	1·07
Registered Sunshine (in hours)	37·7	11·2	20·8	19·7	33·3	18·0	35·0	10·8	19·2	12·7	10·9	11·9	12·3

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

NDON.—DEATHS Registered at several groups of AGES from different CAUSES in the
FORTY-EIGHTH Week of the Year 1877.

Average in the Forty-eighth Weeks of the 10 years 1867-76.*	In the Week ending Saturday, December 1, 1877.								Average in the Forty-eighth Weeks of the 10 years 1867-76.*	In the Week ending Saturday, December 1, 1877.							
	Deaths of Persons of the Ages									Deaths of Persons of the Ages							
	ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0-1.	1-5.							5-20.	Mean Tem.	0-1.					1-5.	5-20.
40°1	41°9	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	40°1	41°9	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
1636.8	1579	375	320	109	219	248	267	41	9. Stricture of Intestines	1°2	1	-	-	-	-	1	-
1631.1	1577	375	319	109	218	248	267	41	10. Fistula	°6	-	-	-	-	-	-	-
									11. Stomach Disease, &c.	7°1	9	-	1	-	2	4	1
									12. Pancreas Disease, &c.	-	-	-	-	-	-	-	-
									13. Hepatitis	3°8	3	-	-	-	1	-	2
									14. Jaundice	4°0	6	3	-	1	2	-	-
									15. Liver Disease, &c.	16°7	15	-	-	4	8	3	-
									16. Spleen Disease, &c.	°2	-	-	-	-	-	-	-
									ORDER 5.								
									1. Nephritis	3°1	5	-	-	1	-	3	1
									2. Ischuria	°3	-	-	-	-	-	-	-
									3. Bright's Dis. (Nephria)	11°7	14	-	-	3	5	5	1
									4. Diabetes	2°8	1	-	-	-	-	1	-
									5. Calculus (Stone)	°6	-	-	-	-	-	-	-
									6. Cystitis	1°5	3	1	-	-	1	1	-
									7. Kidney Disease, &c.	8°1	20	1	-	-	10	9	-
									ORDER 6.								
									1. Ovarian Dropsy	°3	1	-	-	-	1	-	-
									2. Uterus Disease, &c.	4°8	8	-	-	3	3	2	-
									ORDER 7.								
									1. Synovitis (Arthritis)	°3	-	-	-	-	-	-	-
									2. Joint Disease, &c.	6°4	4	-	-	2	-	1	1
									ORDER 8.								
									1. Phlegmon	2°7	4	1	-	1	1	1	-
									2. Ulcer	1°3	4	-	-	-	3	-	1
									3. Skin Disease, &c.	1°7	-	-	-	-	-	-	-
									IV. DEVELOPMENTAL DISEASES.								
									ORDER 1.								
									1. Premature Birth	23°7	31	31	-	-	-	-	-
									2. Cyanosis	1°5	1	1	-	-	-	-	-
									3. Spina Bifida	°8	3	3	-	-	-	-	-
									4. Other Malformations	2°8	-	-	-	-	-	-	-
									5. Teething	12°3	17	10	7	-	-	-	-
									ORDER 2.								
									1. Paramenia	°1	-	-	-	-	-	-	-
									2. Childbirth (see Puer- peral Fever)	7°7	5	-	-	5	-	-	-
									ORDER 3.								
									1. Old Age	52°7	39	-	-	-	-	20	19
									ORDER 4.								
									1. Atrophy and Debility	58°9	52	45	4	1	-	2	-
									V. VIOLENT DEATHS, &c.								
									ORDER 1.								
									(ACCIDENT OR NEGLIGENCE.)								
									1. Fractures & Contusions	16°9	19	-	1	4	4	6	3
									2. Wounds { Gunshot Cut, Stab }	°4	-	-	-	-	-	-	-
									3. Burns and Scalds	6°5	6	-	5	1	-	-	-
									4. Poison	°7	-	-	-	-	-	-	-
									5. Drowning	4°3	2	-	-	1	1	-	-
									6. Suffocation	11°0	14	13	-	1	-	-	-
									7. Otherwise	2°1	1	1	-	-	-	-	-
									ORDER 3.								
									(HOMICIDE.)								
									1. Murder & Manslaughter	2°5	-	-	-	-	-	-	-
									ORDER 4.								
									SUICIDE.)								
									1. Wounds { Gunshot Cut, Stab }	°2	-	-	-	-	-	-	-
									2. Poison	1°0	2	-	-	-	1	1	-
									3. Drowning	°8	-	-	-	-	-	-	-
									4. Hanging	1°6	-	-	-	-	-	-	-
									5. Otherwise	°5	1	-	-	-	1	-	-
									ORDER 5.								
									(EXECUTION.)								
									1. Hanging	-	-	-	-	-	-	-	-
									Violent Deaths(not classed)	°7	-	-	-	-	-	-	-
									Sudden Deaths (Cause unascertained)	1°2	-	-	-	-	-	-	-
									Causes not specified or ill-defined	4°5	2	-	1	1	-	-	-

be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1877.

"found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, TYPHUS, ENTERIC (OR TYPHOID) FEVER, SIMPLE CONTINUED FEVER, DIARRHŒA, and VIOLENCE, during the Week ending

REGISTRATION SUB-DISTRICTS.	Enu- me- rated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include												
				Deaths of		Deaths from										
				Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhœa.	Violence.	
LONDON	3,254,260	2636	1579	375	308	31	81	52	5	27	1	30	5	16	45	7
WEST DISTRICTS	561,359	398	272	63	60	2	15	2	1	6	-	2	1	3	8	12
NORTH DISTRICTS	751,729	630	419	91	83	16	17	24	2	6	1	14	1	4	9	18
CENTRAL DISTRICTS	334,369	183	127	23	23	1	5	7	-	1	-	1	1	-	5	3
EAST DISTRICTS	639,111	561	330	82	59	6	25	12	1	4	-	6	1	3	12	23
SOUTH DISTRICTS	967,692	864	431	116	83	6	19	7	1	10	-	7	1	3	11	22
WEST DISTRICTS.																
St. Mary Paddington WH	58728	28	25	8	3	-	3	-	-	-	-	-	-	1	-	-
St. John Paddington H	38085	9	14	1	5	-	1	-	-	-	-	-	-	1	1	2
Kensington Town W	91645	107	49	14	8	-	5	1	-	1	-	-	-	-	-	-
Brompton H	28654	16	12	2	2	-	-	-	-	-	-	-	-	-	-	-
St. Peter Hammersmith	6662	3	3	-	2	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith H	36029	43	19	3	5	-	-	1	-	-	-	1	-	2	3	-
Fulham WvH	23350	24	20	5	5	1	-	-	-	1	-	-	-	-	-	-
Chelsea South HHH	26420	21	11	2	4	1	-	-	-	2	-	-	-	-	-	-
Chelsea North-west WHHHH	22926	18	7	-	2	-	-	-	-	-	-	-	-	-	-	-
Chelsea North-east	21392	11	9	1	1	-	1	-	-	2	-	-	-	-	-	-
Hanover Square H	18698	7	5	2	2	-	-	-	-	-	-	-	-	-	-	-
May Fair Wv	13358	5	9	1	1	-	1	-	-	-	-	-	-	-	-	-
Belgrave HH	57972	27	36	4	9	-	-	-	1	-	-	-	-	1	1	2
St. John Westminster HH	38478	23	21	11	2	-	3	-	-	-	-	-	-	-	1	2
St. Margaret Westminster WH	27781	18	12	3	2	-	1	-	-	-	-	-	-	-	-	-
Golden Square WH	12860	6	10	5	2	-	-	-	-	-	-	-	-	-	-	-
Berwick-street H	20759	13	6	1	4	-	-	-	-	-	-	1	-	-	-	-
St. Anne Soho HHHHH	17562	9	4	-	1	-	-	-	-	-	-	-	-	-	-	-
NORTH DISTRICTS.																
All Souls Marylebone HHHH	28579	18	14	3	5	-	-	-	-	-	-	-	-	-	-	2
Cavendish Square HH	15425	9	4	-	3	-	-	-	-	-	-	-	-	-	1	-
Rectory Marylebone WH	26384	17	17	4	5	-	-	-	-	-	-	1	-	-	-	-
St. Mary Marylebone HHH	21786	25	9	2	4	-	-	-	-	-	-	-	-	-	-	-
Christchurch Marylebone H	33944	24	22	9	-	-	2	1	-	-	-	-	-	-	-	-
St. John Marylebone H	33136	30	25	10	2	-	3	1	-	-	-	-	-	-	-	-
Hampstead WvHH	32281	19	8	1	1	1	1	-	-	-	-	1	-	-	-	-
Regent's Park Pancras	38200	26	14	3	6	-	2	-	-	-	-	1	-	-	-	-
Tottenham-court vHHH	29370	21	21	4	3	-	-	-	-	-	-	1	-	-	1	-
Gray's Inn Lane HHH	29221	21	11	2	5	-	1	-	-	1	-	1	-	-	1	-
Somers Town	38533	24	12	2	-	-	-	-	-	-	-	-	-	-	-	-
Camden Town W	17943	19	11	1	5	-	-	3	-	-	-	-	-	1	-	-
Kentish Town w	68198	46	35	10	5	1	3	3	-	1	1	-	-	-	-	-
Islington West HHH	97820	94	54	12	3	5	-	5	-	2	-	1	-	1	2	3
Islington East WvWH	115958	127	77	12	17	1	1	7	1	2	-	1	-	2	2	3
Stoke Newington H	9841	11	7	3	2	-	-	-	-	-	-	-	-	-	-	-
Stamford Hill	6598	6	2	1	1	-	-	-	-	-	-	-	-	-	-	-
West Hackney	28069	23	15	2	2	-	-	-	1	-	-	2	1	-	-	-
Hackney WvWHL	50104	44	43	5	10	8	1	4	-	-	-	4	-	1	1	-
South Hackney	30339	26	13	5	4	-	1	-	-	-	-	2	-	-	-	-
CENTRAL DISTRICTS.																
St. George Bloomsbury	17853	10	2	1	1	-	-	-	-	-	-	-	-	-	-	-
St. Giles South WH	19109	7	8	-	3	-	-	-	-	-	-	-	-	-	-	-
St. Giles North	16594	8	5	3	-	-	-	-	-	-	-	-	-	-	-	-
Long Acre	11379	5	5	-	1	-	-	-	-	-	-	-	-	-	-	-
Charing Cross HH	9859	-	5	-	1	-	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand	9378	5	2	1	-	-	-	-	-	-	-	-	-	-	1	-
St. Clement Danes H	10723	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-
St. George-the-Martyr HHHHH	20521	9	5	1	1	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Eastern W	13529	6	8	1	2	-	1	-	-	-	-	-	-	-	-	-
Saffron Hill H	9066	2	4	2	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell W	18917	9	9	2	2	-	2	3	-	-	-	-	-	-	-	-
Amwell Clerkenwell	16384	18	7	-	1	-	1	-	-	-	-	-	-	-	-	-
Pentonville	13337	8	5	3	-	-	1	1	-	-	-	-	-	-	-	-
Goswell-street	16242	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Old-street H	12161	13	7	-	1	-	-	2	-	-	-	-	-	-	-	-
City-road HHL	18301	20	8	4	-	1	-	1	-	-	-	-	-	1	-	-
Whitecross-street	13792	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Finsbury	10741	4	3	-	1	-	-	-	-	-	-	-	-	-	-	-
St. Botolph East London H	14540	10	3	-	2	-	-	-	-	-	-	-	-	-	-	-
Cripplegate	13638	5	5	1	2	-	-	-	-	-	-	-	-	-	2	-
St. Sepulchre H	7562	1	13	-	1	-	-	-	-	-	-	1	-	-	-	-
St. Bride W	11185	11	3	-	2	-	-	-	-	-	-	-	-	-	1	-
Castle Baynard	4426	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch	6270	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Queenhithe	4753	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking	5764	2	3	-	-	-	-	-	-	1	-	-	-	-	-	-
Broad Street H	7345	4	6	2	1	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; at the foot of next page.

RIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
ember 1877.

The DEATHS registered in the Week include																		
SUB-DISTRICTS.	Enu- merated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	Deaths of		Deaths from											Inquest Cases.	Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhea.	Violence.			
Sub-Districts.																		
HL†	12430	3	5	2	-	-	-	-	-	-	-	-	-	1	-	-		
	16545	11	6	3	-	-	-	-	3	-	-	-	-	-	-	-		
	27835	23	21	3	10	-	1	1	1	-	-	-	-	-	1	8		
	26933	29	9	3	6	-	-	1	1	-	-	-	-	-	-	-		
	43421	38	18	5	-	-	-	-	-	-	-	-	-	-	1	7		
WHL†	29822	17	14	3	-	-	-	-	-	-	-	-	1	-	1	-		
	42433	40	21	3	7	-	3	1	1	-	-	-	1	-	-	7		
	26577	32	10	2	3	-	1	-	-	-	-	-	1	-	-	-		
	21272	9	7	3	1	-	1	-	-	-	-	-	-	-	-	-		
W	22499	19	8	2	1	-	-	-	1	-	-	-	-	-	-	1		
	15550	14	20	1	10	-	-	-	-	-	-	-	2	-	1	11		
H	11597	9	3	1	-	-	-	-	-	-	-	-	-	-	-	-		
	7322	7	10	1	1	-	-	-	-	-	-	-	1	-	4	8		
	10381	8	3	1	-	-	-	-	-	-	-	-	-	-	1	-		
	9224	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
East	17900	13	10	3	3	-	2	-	-	-	-	-	-	-	-	-		
East	21350	10	12	4	2	-	2	-	-	-	-	-	-	-	-	-		
East W	8802	5	4	1	1	-	1	-	-	-	-	-	-	-	-	2		
	11640	7	9	3	2	-	-	-	-	1	-	-	-	-	-	1		
	16131	6	7	2	-	-	1	-	-	-	-	-	-	-	1	1		
	29919	26	15	4	-	2	1	-	-	-	-	-	-	-	1	3		
Western	38128	33	18	5	-	1	-	2	-	-	-	-	-	-	2	2		
Eastern W & H	55024	54	24	3	3	3	2	-	-	-	-	-	1	-	-	1		
	67765	77	51	16	7	-	3	2	-	-	-	-	-	-	2	2		
	48611	63	23	6	2	-	1	1	-	-	-	-	-	1	-	7		
Sub-Districts.																		
W & H	14573	6	7	1	1	-	1	-	-	-	-	-	-	-	-	1		
H	15677	10	7	1	1	-	-	-	-	-	-	-	-	-	1	1		
	20421	11	5	1	-	-	-	-	-	-	-	-	-	-	-	-		
	16695	19	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
	18961	15	6	1	2	-	1	-	-	-	-	-	-	-	-	1		
	23682	34	8	2	-	-	-	-	-	-	-	-	-	-	-	-		
W	48248	53	23	6	5	-	1	-	-	-	-	-	-	-	1	8		
	16792	19	12	3	3	-	1	1	-	-	-	-	-	-	-	-		
H	4373	2	4	1	-	-	-	-	-	-	-	-	-	-	1	1		
W	10500	9	2	-	-	-	1	-	-	-	-	-	-	-	-	3		
	16787	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
W	15709	14	10	1	3	-	-	-	-	-	-	-	-	-	-	4		
W	47933	42	17	7	3	-	-	-	-	-	-	-	-	-	1	1		
	27096	20	15	5	1	-	-	-	-	-	2	-	-	-	-	4		
H	14074	15	7	2	-	-	-	-	-	-	-	-	1	-	1	2		
H	18465	14	6	2	1	-	-	-	-	-	-	-	-	-	-	-		
H	19492	10	13	-	4	-	-	-	-	-	1	-	-	-	-	6		
W & W	35833	44	27	9	8	-	-	-	-	-	2	-	1	-	-	5		
	41286	30	13	5	3	-	-	-	-	-	1	-	-	-	-	1		
	31221	32	12	4	2	-	-	2	-	-	1	-	-	-	-	-		
	35435	43	32	9	5	4	2	-	1	-	-	-	1	-	1	6		
	12536	12	4	1	-	-	-	-	-	-	-	-	-	1	-	-		
	27347	23	9	3	1	-	-	-	-	-	-	-	-	-	-	-		
	54016	85	42	13	6	-	2	1	-	-	-	1	-	1	3	5		
	19783	15	4	1	2	-	-	-	-	-	-	-	-	-	-	1		
	9439	7	1	2	2	-	-	-	-	-	-	-	-	-	-	-		
	14475	9	5	1	2	-	-	-	-	-	-	-	-	-	-	-		
	4041	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	31254	18	13	4	5	-	2	-	-	-	-	-	-	-	-	6		
	42160	34	22	6	4	1	2	-	-	-	-	-	-	-	-	-		
W	33851	32	15	4	3	1	1	1	-	-	-	-	-	-	-	-		
	53714	44	13	5	1	-	2	-	-	-	-	-	-	-	-	-		
	6474	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
	21034	9	8	1	-	-	1	-	-	-	-	1	-	-	-	-		
H	19378	19	12	4	2	-	-	-	-	-	-	-	-	-	1	5		
	4539	6	2	-	-	-	-	1	-	-	-	-	-	-	-	-		
	16440	9	6	-	2	-	-	1	-	1	-	-	-	-	-	-		
H	11513	13	9	3	3	-	1	-	-	-	-	-	-	-	-	3		
	19065	18	5	-	1	-	-	-	-	-	1	-	-	-	-	-		
	9564	7	2	1	1	-	-	-	-	-	-	-	-	-	-	-		
	17226	14	5	-	1	-	1	-	-	-	-	-	-	1	-	-		
W & H	18331	12	7	4	1	-	-	-	-	-	-	1	-	-	1	-		
	13027	8	3	1	-	-	-	-	-	-	-	-	-	-	-	-		
	15232	10	10	1	4	-	-	-	-	-	-	-	1	-	-	5		

WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the

Sick Asylum in Tottenham-court sub-district.

Kentish Town sub-district.

Workhouse in Islington East sub-district.

Workhouse " Hackney sub-district.

" " Hoxton New Town sub-district.

" " Mile End Old Town Eastern sub-dist.

Districts of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston

† Private Lunatic Asylums in which paupers are received.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and
Bow sub-district.

Stepney Bow sub-district.

Poplar & Stepney Sick Asylum

Westminster Union Industrial School in Battersea sub-district.

Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-
ney, Brixton, and St. Paul Deptford sub-districts.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 1st December 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Unnatural Causes.
	LONDON—OUTER RING	368,414	631,381	507	300	77	62	4	11	11	4	1	3	3	5	11
29: 1	Carshalton <i>wL</i> - - -	12228	13523	12	7	3	3	-	-	-	-	-	-	-	-	-
2	Epsom (<i>part of</i>) * <i>WH</i> -	9971	9145	6	4	-	-	-	-	-	-	-	-	-	-	-
36: 1	Godstone (<i>part of</i>) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-
37: 1	Croydon <i>WWH</i> - - -	20851	71319	59	31	9	6	-	1	-	2	-	2	-	-	-
2	Mitcham <i>WH</i> - - -	11697	12534	14	8	2	3	-	-	-	-	-	-	-	-	-
38: 1	Wimbledon <i>HH</i> - - -	3220	9087	5	4	1	1	-	-	-	-	-	-	1	1	1
2	Kingston <i>WH</i> - - -	8549	27489	15	9	2	2	-	2	-	-	-	-	-	-	-
3	Esher (<i>part of</i>) * - - -	6601	7353	6	-	-	-	-	-	-	-	-	-	-	-	-
4	Hampton - - -	4573	10185	6	2	-	-	-	-	-	-	-	-	-	-	-
39: 1	Richmond <i>WH</i> - - -	2271	16829	6	6	-	3	-	-	-	-	-	-	-	-	-
2	Mortlake - - -	2961	9316	4	4	-	1	-	-	-	-	-	-	-	-	-
40: 1	Bromley (<i>part of</i>) * <i>HH</i> -	15669	19509	20	8	4	-	-	-	-	1	-	-	-	-	1
2	Chislehurst (<i>part of</i>) * <i>W</i> -	13665	10028	9	4	1	1	-	-	-	-	-	-	-	-	-
41: 1	Bexley <i>H</i> - - -	13439	19566	7	4	-	1	-	-	1	-	-	-	-	-	-
123: 1	Sunbury <i>W</i> - - -	11055	9860	4	3	1	1	-	-	-	-	-	-	-	-	-
2	Staines <i>W</i> - - -	13277	10339	10	6	2	-	-	-	-	-	-	-	-	1	1
124: 1	Hillingdon <i>WH</i> - - -	6029	9712	4	4	1	1	-	-	-	-	-	-	-	-	-
2	Uxbridge - - -	6178	5329	1	1	-	1	-	-	-	-	-	-	-	-	-
3	Hayes <i>WL</i> - - -	14587	10497	12	7	2	1	-	-	1	-	-	1	2	-	-
125: 1	Isleworth <i>W</i> - - -	7008	19930	13	5	-	3	-	-	-	-	-	-	-	-	-
2	Twickenham - - -	2477	10533	5	3	-	1	-	-	-	-	-	-	-	-	-
3	Brentford <i>HL</i> - - -	4370	20279	16	5	1	1	-	1	-	-	-	-	-	-	-
4	Chiswick - - -	1311	8508	11	7	-	1	-	-	-	-	-	-	-	-	1
5	Acton <i>WH</i> - - -	6087	12683	12	3	2	-	-	-	-	-	-	-	-	-	-
126: 1	Harrow <i>H</i> - - -	13809	10869	1	4	-	1	-	-	-	-	-	-	-	1	-
2	Edgware <i>H</i> - - -	6994	3450	1	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - -	4383	15869	17	18	5	2	1	2	1	1	-	-	-	1	3
4	Hendon <i>WH</i> - - -	8382	6972	6	5	2	2	-	-	-	-	-	-	-	-	-
127: 1	South Mimms - - -	15419	5924	2	1	-	1	-	-	-	-	-	-	-	-	-
2	Barnet <i>W</i> - - -	5423	7752	2	1	-	1	-	-	-	-	-	-	-	-	-
3	Finchley <i>L</i> - - -	4638	11493	11	12	1	2	-	1	-	-	-	-	-	-	1
128: 1	Hornsey <i>H</i> - - -	3039	19357	21	11	3	1	-	-	-	-	-	-	-	-	-
2	Tottenham <i>H</i> - - -	4642	22869	23	15	5	2	-	-	2	-	-	-	-	1	1
3	Edmonton <i>WW</i> - - -	7483	13860	15	12	2	6	-	3	1	-	-	-	-	-	-
4	Enfield <i>WH</i> - - -	12653	16054	4	6	1	2	-	-	-	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	5	1	-	1	-	-	-	-	-	-	-	-	-
6	Cheshunt - - -	8493	7513	2	1	-	1	-	-	-	-	-	-	-	-	-
134: 1	Hatfield (<i>part of</i>) * - -	3180	559	2	-	-	-	-	-	-	-	-	-	-	-	-
136: 1	Bushey - - -	9028	6472	3	3	-	2	-	-	-	-	-	-	-	-	-
135: 1	Stratford - - -	882	23236	29	19	7	3	-	1	1	-	-	-	-	-	-
2	West Ham <i>WWW</i> - - -	7345	44642	51	33	12	2	2	-	4	-	-	-	-	-	-
3	Leyton <i>WW</i> - - -	4274	15513	21	9	3	1	-	-	-	-	-	-	-	-	-
4	Walthamstow <i>H</i> - - -	6619	15701	16	5	2	1	-	-	-	-	1	-	-	-	-
136: 1	Chigwell (<i>part of</i>) * <i>H</i> -	10483	8169	2	5	-	-	1	-	-	-	-	-	-	-	-
138: 1	Romford (<i>part of</i>) * - -	6730	2879	2	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - -	8492	5947	4	2	1	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	10	2	2	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warlingham and Farley in Epsom sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chislehurst (pop. 798); 188: 1, only the parish of Dagenham in Romford sub-district.

GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 1st December, 1877.

Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
		From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from									Deaths in Public Institutions.
					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhea.	Violence.		
446,494	4,367,547	22·4	3·3	1879	452	370	35	92	63	9	28	39	19	50	294	
78,080	3,533,484	23·3	3·7	1579	375	308	31	81	52	5	27	36	16	45	267	
368,414	834,063	18·8	2·3	300	77	62	4	11	11	4	1	3	3	5	27	

The Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 122 square miles, equal to the square of a little more than a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES.

	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
-	429,535	October 27	-	289	35·1	Fevers 90; cholera 35.
-	644,405	" 30	-	567	45·8	Fevers 215; measles 48.
-	397,552	" 12	317	665	86·7	Small-pox 37; cholera 20; dysentery 178.
-	1,988,806	November 29	-	883	23·1	Diphtheria 27; typhoid fever 25.
-	67,829	" 24	26	31	23·8	—
-	173,000	" 24	120	77	23·1	—
-	289,981	" 17	173	111	19·4	Croup 3.
-	136,231	" 17	107	64	24·4	—
-	104,095	" 17	74	25	12·5	—
-	215,000	" 27	176	100	24·3	—
-	146,845	" 17	-	76	26·9	Scarlet fever 7; typhoid fever 3.
-	79,000	" 24	46	34	22·4	Whooping-cough 3.
RGH	669,741	" 3	-	410	31·8	Sm.-pox 7; scar. fev. 10; typhus & typhd. fev. 23.
-	997,269	" 10	833	431	22·1	Scarlet fev. 28; diph. 23; typhus 16.
(ate)	393,588	" 10	298	155	24·5	Whooping - cough 5; typhus 2.
-	202,295	" 17	129	81	20·6	Diphtheria and croup 7; scarlet fever 2.
-	257,000	" 24	179	116	23·5	Scarlet fever 2; diphtheria 2.
-	215,000	" 24	175	123	30·0	Diphtheria and croup 12; typhoid fever 7.
-	714,548	" 24	456	353	25·7	Small-pox 8; diphtheria 18.
-	315,401	" 17	266	222	36·6	Small-pox 3; diphtheria 11; scarlet fever 5.
-	280,564	" 10	-	-	-	—
-	454,918	" 4	-	-	-	—
-	223,488	" 10	134	88	20·3	Fevers 5.
-	139,796	" 24	71	55	20·4	Diphtheria and croup 5.
-	212,034	" 15	168	167	41·1	Diphtheria 4; whooping-cough 6.
-	1,077,223	" 3	-	447	21·6	Scarlet fever 10; diphtheria 25; croup 13.
-	527,830	" 3	-	200	19·7	Scarlet fever 17; diphtheria 19.
-	850,856	" 10	-	241	14·8	Scar. fev. 6; typhd. fev. 8; diphtheria 6.
-	363,000	" 3	-	114	16·3	Typhoid fever 5; diphtheria 9.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 1st DECEMBER, 1877.
[Under the Superintendence of the Astronomer Royal.]

MOON.		READINGS OF THERMOMETERS.										DIFFERENCE				Degree of Humidity, complete saturation being represented by 100.	WIND.				RAIN.			
		BAU-METER.		Dry.		Dew Point.		Highest and lowest shown by self-registering Thermometer with bulb in vacuo, placed on the Grass.		Lowest on the Grass, as shown by self-registering Thermometers.		In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between Dew Point and Air Temperature			Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*		As deduced from Anemometers.			Collected in a Gauge whose receiving surface is 5 in. above the ground.		
Phases of Moon.		Mean daily reading (corrected and reduced to 32 deg. Fahr. height).	High-est.	Low-est.	Range in day.	Mean daily value.	Mean daily value.	Thermo- meter blackened	Thermo- meter with bulb in vacuo.	Minimum	register- ing	Highest.	Lowest.	Mean daily value.	Great- est.	Least.	General Direction.	Pressure on square foot	Amount of Horizontal Movement of Air each day.	Robinson's.				
AND DAY.																	A. M.	P. M.	Great- est.	Least.	Mean of 24 Obs.	Amount of Horizontal Movement of Air each day.	Depar- ture from Average of 16 years.	
1877.																								
NOVEMBER.																								
SUN. . 25	..	29.666	42.7	33.0	9.7	37.9	31.6	53.8	28.0	44.9	42.7	0	0	6.3	11.0	2.0	0	N. & NNW.	NW.W. & WSW.	7.1	0.0	0.9	377	+ 72
MON. . 26	..	29.637	48.2	31.9	16.3	40.9	38.4	70.3	27.1	44.5	42.7	0	0	2.5	6.3	0.0	0	SW. & S.	SSW. & S.	7.0	0.0	0.2	277	- 25
TUES. . 27	Perigee. Last Qr.	29.074	52.5	42.0	10.5	47.7	45.0	68.0	39.0	44.3	42.1	0	0	2.7	5.8	0.0	0	S. & SW.	SW. SE. & W.	3.2	0.0	0.3	309	+ 9
WED. . 28	..	29.101	46.8	38.5	8.3	42.6	36.7	76.0	35.0	43.8	41.3	0	0	5.9	9.7	3.1	0	WSW.	SW. & S.	3.5	0.0	0.4	379	+ 79
THURS. . 29	In Equator	28.753	48.9	36.9	12.0	41.8	37.7	59.5	33.0	44.3	41.7	0	0	4.1	6.8	2.1	0	S. & SSW.	WSW. SW. & S.	9.2	0.0	1.0	439	+ 136
FRI. . 30	..	28.947	47.0	38.2	8.8	41.9	37.4	74.2	33.6	43.3	40.8	0	0	4.5	7.8	1.0	0	S. SW. & WSW.	SW.	2.5	0.0	0.3	372	+ 62
DECEMBER.																								
SAT. . 1	..	29.188	44.0	35.7	8.3	40.6	39.7	51.7	31.3	43.5	41.3	0	0	0.9	2.3	0.0	0	SSW.	N.	0.0	0.0	0.0	146	- 170
MEANS .	..	29.195	47.2	36.6	10.6	41.9	38.1	64.8	32.4	44.1	41.8	0	0	3.8	7.1	1.2	0	SW.		..	..	..	Sum 2299	Sum + 163
No. of Col.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE.		Electricity.		Registered Sunshine, in hours.		Sun above Horizon, in hours.		SKY AND ATMOSPHERE.	
NOVEMBER.									
SUNDAY .	25			2.4		8.3		A fine day. Partially cloudy till evening; cloudless at night.	
MONDAY .	26			0.9		8.3		Fine but cloudy till afternoon; overcast with rain afterwards.	
TUESDAY .	27			0.3		8.2		Rain fell in the early morning hours; fine but cloudy till afternoon; overcast with heavy rain in evening.	
WEDNESDAY .	28			5.6		8.2		Fine; partially cloudy.	
THURSDAY .	29			1.0		8.2		Variable. Frequent rain.	
FRIDAY .	30			2.1		8.1		Generally fine. A few light showers in morning and afternoon.	
DECEMBER. SATURDAY . 1				0.0		8.1		Overcast throughout morning with rain. Great gloom prevailed between 11 a.m. and noon. Fine at 1 p.m. but clouds.	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending December 31, 1845.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, fifth edition. The results for mean daily temperature of the air or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1875. * In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and — "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police. The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate of the number of each day in which the sun is visible at the time of the observations.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

[7. VOL. XXXVIII.] WEEK ENDING SATURDAY, DECEMBER 8. [Price 1½d.]

*General Register Office, Somerset House,
December 10th, 1877.*

UNITED KINGDOM.

Last week 5739 *births* and 3810 *deaths* were registered in LONDON and TWO OTHER LARGE TOWNS of the UNITED KINGDOM. The natural increase was 1929. The mortality from all causes was at the average rate of 23·3 annually in every 1000 persons living. The annual death-rate was 24·2 in 1000 in Edinburgh, 24 in Glasgow, and 37 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

Annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, arranged in order from the lowest, were as follow:—Hull 15, Leicester 18, Middlesbrough 18, Brighton 18, Norwich 19, Portsmouth 20, Bristol 21, Sunderland 21, Wolverhampton 22, London 23, Salford 24, Plymouth 25, Birmingham 26, Sheffield 27, Manchester 27, Oldham 28, Liverpool 29, highest rate 31 in Nottingham. The annual death-rate from the seven zymotic diseases averaged 3·2 per 1000 in the twenty towns, and ranged from 0·6 in Leicester and Nottingham, to 4·4 and 5·9 in Liverpool and Manchester. The high zymotic rate in Sheffield was mainly due to the fatal prevalence of scarlet fever, more especially in North Sheffield sub-district. Small-pox caused 1 death in London, but not one in any of the other towns.

LONDON.

LONDON 2435 BIRTHS and 1547 DEATHS were registered. Allowing for the population, the births exceeded by 71, whereas the deaths were 222 below the average numbers in the corresponding week of the last ten years. The death-rate from all causes, which in the two previous weeks had been 23·2 and 23·3 per 1000, declined last week to 22·8.

17 deaths included 25 from small-pox, 76 from measles, 46 from scarlet fever, 5 from diphtheria, 36 from whooping-cough, 27 from different fevers, and 19 from diarrhoea; thus to the seven principal diseases of the last class 234 deaths were referred, against 258 and 248 in the two previous weeks. These 234 deaths were 47 below the corrected average number for the same diseases in the corresponding week of the last ten years, and were at an annual rate of 3·5 per 1000. The 76 fatal cases of measles showed a slight decline from those in recent weeks, but exceeded the corrected average by 27; 4 occurred in Kensington, 5 in Stepney, 4 in Mile End Old Town, 4 in Bow and Poplar, 8 in Southwark, 5 in Newington, 7 in Battersea, 5 in Islington, and 4 in Woolwich. The 46 deaths from scarlet fever also showed a decline, but included 5 in Pancras, 10 in Islington, 4 in Clerkenwell, and 1 in Bethnal Green. The deaths from whooping-cough, although more numerous, were below the average for the season; 4 occurred in Paddington, and 16 in Islington, of which 7 were returned in Southwark, 3 in Newington, and 3 in Islington. The deaths referred to fever, which had been 38 and 36 in the two previous weeks, declined to 27 last week, and were 18 below the corrected weekly average. They included 5 fatal cases of typhus, 21 of enteric or typhoid, and one of cholera. The fatal cases of typhus occurred—in King's College Hospital, admission 43, Salisbury Street, Bermondsey; at 40, Portpool Lane, Holborn; at 40, City Street, Bethnal Green; 46, Carr Street, Limehouse; and at 40, Clyde Street, Islington. Two deaths were referred to enteric fever in Islington, 2 in Islington, 2 in Southwark, and 2 in Deptford. The Metropolitan Asylum and Fever Hospitals, contained 173 fever (typhus and enteric) patients on the 8th inst., against 153 and 155 at the end of the two previous weeks.

Deaths from small-pox, which had been 27 and 31 in the two preceding weeks, were 27 last week, of which 8 occurred in the Metropolitan Asylum Hospitals, 16 in Highgate Small-pox Hospital, and 16 in private dwelling-houses. Four fatal small-pox patients had resided in Fulham, 3 in Stepney, 4 in Mile End Old Town, 4 in Southwark, and 4 in Lambeth. Of the 25 fatal cases, 6 were

certified as unvaccinated and 6 as vaccinated, while in 13 cases the medical certificates gave no information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which in the first week of October had declined to 137, have since steadily increased, and were 278 on Saturday last; 79 new cases were admitted during the week, against 78 and 54 in the two previous weeks.

With reference to the 25·1* inches of rain measured at the Royal Observatory, Greenwich, during the first 11 months of this year, it may be noted that 11·5 inches fell during the first four months, showing an excess of 4·8 inches upon the average in 61 years, while in the seven months ending November the amount did not exceed 13·6 inches, and was three inches below the same average.

The deaths referred to diseases of the respiratory organs, which had been 409 and 417 in the two previous weeks, declined to 397 last week, and were 89 below the corrected average; 262 resulted from bronchitis, and 92 from pneumonia.

Different forms of violence caused 48 deaths; 46 were the result of negligence or accident, including 13 from fractures and contusions, 6 from burns and scalds, 4 from drowning, and 15 of infants under one year of age from suffocation. The 13 deaths from fractures and contusions were thus caused:—male 34, crushed by van; male 67, knocked down by van; males 28 and 46, run over on Great Eastern Railway; male 44, fell from scaffold; male 11, fell from house-roof; male 36, fell from topsail-yard of ship; male 31, fell into an area; female 1, fell over a fender; male 1, fell (not stated how); male 46, crushed in a lift; male 11, fracture of leg; female newly born, blow on the head, “no evidence how caused.”

GREATER LONDON.

In Greater London 3008 births and 1811 deaths were registered, equal to annual rates of 35·9 and 21·6 per 1000 of the population. In the Outer Ring small-pox caused one death in West Ham, of a child aged six years, said to have been vaccinated. Five fatal cases of scarlet fever, and 4 of measles were returned in West Ham and Stratford; 4 of measles in Willesden and 3 in Kingston.

Dr. Frankland reports as the result of his analyses of the waters supplied to the Metropolis and some of its suburbs during November, that taking unity to represent the average amount of organic impurity in a given volume of the Kent Company's water during the last nine years, the proportional amount of such impurity in an equal volume of water supplied by each of the other Companies, and by the Tottenham Local Board, was:—Tottenham 0·4, Kent (Shortlands) 0·6, Kent (Deptford) 0·8, New River 0·8, Colne Valley 0·9, East London 1·2, West Middlesex 2·1, Grand Junction 2·6, Lambeth 2·9, Southwark 3·2, and Chelsea 3·5. The Thames waters supplied to London during November were efficiently filtered previously to delivery, and of medium quality as regards organic impurity. The Lea waters supplied by the New River and East London Companies were of superior quality, and were also efficiently filtered. The waters drawn from deep wells by the Kent and Colne Valley Companies and by the Tottenham Local Board were of the usual excellent quality. The Colne Valley water was entirely free from the exceptional impurity noticed in October, and was softened previously to delivery.

Dr. Hill reports that the water supply to Birmingham was clear, but that the proportion of organic impurity had increased, owing probably to the recent rains. The Glasgow water, derived from Loch Katrine, is reported by Dr. Mills to have contained a few muddy particles and fibres; it also showed an unusually high proportion of organic carbon and nitrogen.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 37, Bombay 37; Paris 23; Geneva 19; Brussels 25; Amsterdam 21, Rotterdam 21, The Hague 18; Copenhagen 24; Stockholm 20; Christiania 15; St. Petersburg 31; Berlin 23, Hamburg 24, Dresden 22; Breslau 26, Munich 28; Vienna 24, Buda-Pesth 36; Rome 22, Turin 19; Alexandria 41; New York 22, Brooklyn 18, Philadelphia 16, and Boston 18.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the barometer last week was 29·79 in. the lowest reading was 29·28 in. on Thursday afternoon, and the highest 30·10 in. at the end of the week. The mean temperature of the air was 43°·4, and 1°·7 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was slightly below the average on Sunday and Wednesday, whereas an excess prevailed on each of the other days of the week. The

* This rainfall was misprinted in the last Weekly Return as 65·1 inches.

temperature was $35^{\circ}\cdot 5$ on Saturday, and the highest day temperature in the shade on Thursday; the extreme range in the week was, therefore, $19^{\circ}\cdot 5$. The highest temperature as shown by a self-registering thermometer with a blackened bulb in vacuo placed in the sun, was $77^{\circ}\cdot 0$ on Thursday. The difference between the mean *dew-point* and *air* temperature was $2^{\circ}\cdot 8$. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police ship, was $42^{\circ}\cdot 2$. The mean degree of *humidity* of the air, complete saturation being represented by 100; the air was therefore of an average humidity of 72. The direction of the *wind* was variable, and the horizontal movement of the air was 2 miles per hour, which was $2\cdot 1$ below the average in the corresponding week of 1876. The fall on each day of the week, to the aggregate amount of $0\cdot 49$ of an inch. The registered sunshine in the week was 4.5 hours, the sun being above the horizon for 10.5 hours; the recorded duration of sunshine was, therefore, equal to but 8 per cent. of the duration.

THE STRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES which have furnished him with the average daily quantity of Water supplied during the month of November 1877; according to their returns 118,045,077 gallons or 536,333 cubic metres of water (about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 219 gallons (cubic metres) rather less than a *ton* by weight, to each house, and $30\cdot 9$ gallons ($14\cdot 0$ decalitre) per person, against $29\cdot 9$ gallons during November 1876.

COMPANIES.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for do- mestic consumption) during the Month of	
	NOVEMBER 1876.	NOVEMBER 1877.	NOVEMBER 1876.	NOVEMBER 1877.
TOTAL SUPPLY	531,191	538,499	112,621,763	118,045,077
from Thames	250,440	253,850	57,410,960	59,413,720
and from other Sources	280,751	284,649	55,210,803	58,631,357
THAMES.				
Middlesex	28,737	28,859	7,106,900	8,183,300
St. Martin's	48,611	50,065	9,725,639	9,204,217
St. Mark and Vauxhall	80,690	79,320	18,150,000	18,350,000
Grand Junction	37,055	37,922	10,511,521	10,554,803
Chelsea	55,347	57,684	11,916,900	13,121,400
AND OTHER SOURCES.				
New River	125,015	126,027	24,701,000	26,363,000
London	110,354	113,190	23,642,600	25,089,800
Other	45,382	45,432	6,867,203	7,178,557

The Return for November 1877, as compared with that for the corresponding month of 1876, shows an increase of 7,308 houses, and of 5,423,314 gallons of water supplied daily.

CHEMICAL ANALYSIS OF METROPOLITAN WATER SUPPLY DURING NOVEMBER.

*Royal College of Chemistry, South Kensington Museum,
6th December 1877.*

I have the pleasure to report to you in the following Table the results of the chemical analysis of the water supplied to the inner, and portions of the outer, circle of the Metropolis during the month of November.

I also, the results obtained in the analyses of the water supplied to Birmingham and their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Buchanan of Glasgow.

The average amount of organic impurity contained in a given volume of the Kent water during the last nine years as unity, the proportional amount contained in a given volume of water supplied by each of the Metropolitan Water Companies and by the Local Board of Health was:—Tottenham $0\cdot 4$, Kent (Shortlands) $0\cdot 6$, Kent (Deptford) $0\cdot 8$, Colne Valley $0\cdot 9$, East London $1\cdot 2$, West Middlesex $2\cdot 1$, Grand Junction $2\cdot 9$, Southwark $3\cdot 2$, and Chelsea $3\cdot 5$.

The water supplied to London from the Thames during the month of November by the Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth Companies was efficiently filtered by the filter-press, and was, as regards dissolved organic impurities, of medium quality.

The water supplied from the Lea by the New River and East London Companies was of very good quality, and was efficiently filtered before delivery.

The water drawn from deep wells by the Kent and Colne Valley Companies, and by the Local Board of Health, was of its usual excellent quality for dietetic purposes, and the water supplied by the Colne Valley Company was soft and therefore suitable for washing. The organic impurity which I noticed last month in the Colne Valley Company's water has entirely disappeared. To trace its source, I have analysed samples of the Company's water both before and after filtering, and also a sample from a well now being sunk into the chalk by the London and North Western Railway Company at a distance of about 800 yards from the Colne Valley well. The water in the railway well was very foul, and any considerable admixture of it would undoubtedly pollute the Colne Valley Company's water, but I have not been able to detect any communication between the two wells. The results of the analyses of these samples are given in the accompanying table.

Seen through a stratum two feet deep, the water supplied by the Kent and Colne Valley Companies, and by the Tottenham Local Board of Health, was clear and colourless, the New River Company's water nearly so, the water distributed by the East London, West Middlesex, and Chelsea Company's very pale yellow, and that by the Southwark, Grand Junction, and Lambeth Companies, pale yellow.

Dr. Hill, the Medical Officer of Health for Birmingham, reports that the water supplied to that town was "clear, but the organic matter was considerably higher this month owing, no doubt, to the late rains."

Dr. Mills, F.R.S., of the Andersonian University, Glasgow, reports that the water supplied to that city from Loch Katrine was "pale brown in colour and contained a few muddy particles and fibres. The organic carbon and nitrogen were unusually high, especially the former."

I am, &c.

The Registrar General, &c. &c.

E. FRANKLAND.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

COMPANIES OR LOCAL AUTHORITIES.		Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Mat- ters.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Ni- trates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES;		°.								
	Chelsea - - -	{ 6th November, Cab Rank, Horse Guards. }	10·3	27·10	·164	·043	0	·213	·256	1·65	20·0
	West Middlesex -	{ 6th November, Cab Rank, Portland-road. }	10·5	27·80	·109	·013	0	·182	·195	1·65	21·0
	Southwark and Vauxhall - - -	{ 6th November, Cab Rank, St. George's Church, Borough. }	10·5	29·60	·147	·043	0	·193	·236	1·65	22·1
	Grand Junction -	{ 6th November, Lancaster-gate, Hyde Prk. }	9·7	28·70	·119	·032	0	·230	·262	1·60	21·4
	Lambeth - - -	{ 6th November, Cab Rank, Westminster Bridge-road. }	10·3	25·20	·150	·023	0	·157	·180	1·65	18·9
	OTHER SOURCES:										
	New River - - -	{ 6th November, Cab Rank, Tottenham- court-road. }	10·3	28·40	·032	·016	0	·256	·272	1·55	22·1
	East London -	{ 6th November, Royal Hotel, Mile-End-rd. }	9·3	30·40	·052	·018	0	·187	·205	1·80	23·0
	Kent (Deptford Wells) - - -	{ 7th November, Deptford Bridge Police Station. }	13·3	41·54	·033	·015	0	·581	·596	2·45	27·7
Outer Circle.	Kent (Shortlands Wells) - - -	{ 8th November, Drinking Fountain, Shortlands Railway Statn. }	11·3	31·30	·032	·005	0	·387	·392	1·57	23·7
	Colne Valley -	{ 5th November, Well at the Works, Bushey }	11·0	37·00	·075	·021	0	·298	·319	1·35	29·6
	Ditto - - -	{ 8th November, Main at Bushey. }	10·5	11·46	·037	·018	0	·340	·358	1·40	4·0
	Ditto - - -	{ 9th November, Well near Bushey, now being sunk by L. & N.W. Railway Co. }	9·9	48·60	·357	·068	·020	0	·084	1·93	33·5
	Tottenham Local Board - - -	{ 16th November, High Street, Tottenham. }	—	45·60	·017	·006	0	·394	·400	3·10	27·1
Corporation of Birming- ham* - - - -		{ 6th November, Rear of 193, Aston-road. }	11·1	24·38	·304	·049	·003	·187	·238	1·50	13·0
Corporation of Glasgow †		{ 14th November, Loch Katrine service. }	7·7	2·60	·258	·023	0	·004	·027	·70	1·1
Column 1.		2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the Borough.

† Analysed by Dr. E. J. Mills, F.R.S., of the Andersonian University, Glasgow.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, all relate to 100,000 parts of the water. The Table is to be read thus: the Chelsea Company's water, collected on November 6th at the Horse Guards cab-rank, had a temperature of 10°·3 C.; 100,000 lbs. of it contained 27·10 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·164 lb. of carbon and ·043 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·213 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·256 lb. The above weight of water also contained 1·65 lbs. of chlorine; and 20·0 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 8th December, 1877.

Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 8th December 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
			BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.		In Inches.	In Centimetres.
212,881	8,166,734	38·4	5739	3810	55·0	28·4	42·5	5·84	0·63	1·60
75,362	3,533,484	46·9	2435	1547	55·0	35·5	43·4	6·33	0·49	1·24
2,354	102,264	43·4	71	36	53·0	36·5	43·3	6·28	0·74	1·88
4,486	127,144	28·3	92	49	53·8	36·5	44·6	7·01	0·74	1·88
7,472	84,023	11·2	49	31	50·0	34·8	43·8	6·56	0·87	2·21
1,395	72,911	52·3	60	34	54·0	33·5	43·2	6·22	0·69	1·75
4,452	202,950	45·6	134	81	53·7	35·6	43·4	6·33	0·49	1·24
3,396	73,389	21·6	58	31	51·2	29·2	40·1	5·06	0·32	0·81
8,400	377,436	44·9	307	190	-	-	-	-	-	-
3,200	117,461	36·7	92	40	52·5	32·8	42·3	5·73	0·42	1·07
1,996	95,025	47·6	79	56	51·9	33·3	42·0	5·56	0·57	1·45
5,210	527,083	101·2	381	309	51·9	38·5	42·6	5·90	0·58	1·47
4,293	359,213	83·7	256	187	-	-	-	-	-	-
5,170	162,973	31·5	117	75	51·7	32·1	41·0	5·00	0·77	1·96
4,666	89,796	19·2	71	48	-	-	-	-	-	-
7,220	179,315	24·8	127	73	49·8	36·5	41·7	5·39	1·11	2·82
21,572	298,189	13·8	244	145	52·0	35·0	42·9	6·06	0·86	2·18
19,651	282,130	14·4	196	145	50·1	36·5	42·9	6·06	0·97	2·46
3,635	140,002	38·5	115	39	49·0	32·0	41·6	5·34	0·75	1·90
3,306	110,382	33·4	88	45	-	-	-	-	-	-
5,371	142,231	26·5	100	50	49·0	36·0	43·8	6·56	0·31	0·79
4,191	218,729	52·2	142	126	50·1	32·7	40·0	4·44	0·24	0·61
6,033	555,933	92·1	362	252	50·7	32·0	41·4	5·22	0·81	2·06
10,050	314,666	31·3	163	221	53·0	28·4	42·6	5·90	0·26	0·66

* Meteorological Observers in the several towns, *see* note at foot of Table 4.
 † The English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by the annual increase, and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Salford, however, is raised to this rule, as the estimate is based upon the rate of increase of inhabited houses within the borough during the week ending 1st July 1877. The population of Dublin is taken as stationary at the number enumerated in April 1871.

BIRTHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 2 persons, and in DUBLIN, during the Week ending Saturday, the 8th December, 1877.

ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.	
			Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.			
23·7	3·2	3211	835	568	25	112	101	14	98	54	37	115	198	464	
22·8	3·5	1547	391	283	25	76	46	5	36	27	19	48	93	267	
18·4	3·1	36	11	8	-	1	1	1	3	-	-	3	4	5	
20·1	1·2	49	13	5	-	-	-	-	2	1	-	3	7	4	
19·3	3·1	31	7	11	-	1	2	-	1	1	-	-	3	2	
24·3	4·3	34	7	8	-	-	1	-	4	-	1	-	1	4	
20·8	1·0	81	27	12	-	2	-	-	-	1	1	4	6	16	
22·0	2·8	31	6	8	-	-	2	1	-	1	-	2	5	5	
26·3	3·9	190	53	36	-	4	4	1	12	5	2	5	12	16	
17·8	0·4	40	8	8	-	-	-	1	-	-	-	3	5	6	
30·8	0·6	56	13	18	-	-	-	-	1	-	-	4	6	7	
30·6	4·4	309	77	46	-	15	5	-	17	4	3	16	17	49	
27·2	3·1	187	38	26	-	3	10	1	3	2	2	6	12	33	
24·0	3·2	75	23	13	-	1	3	-	2	1	3	-	-	10	
27·9	2·9	48	15	3	-	-	2	1	2	-	-	1	1	1	
21·2	2·0	73	22	15	-	-	2	1	2	2	-	4	5	4	
25·4	3·0	145	42	20	-	4	5	-	4	3	1	9	13	5	
26·8	5·9	145	44	20	-	5	12	2	4	5	4	3	2	15	
14·5	1·1	39	11	10	-	-	1	-	-	1	1	1	1	8	
21·3	2·4	45	12	9	-	-	3	-	2	-	-	3	5	3	
18·3	1·8	50	15	9	-	-	2	-	3	-	-	-	-	4	
36·6	5·0	221	39	56	1	15	-	1	3	9	1	9	8	57	

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the FORTY-NINTH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	1959	2171	2267	1922	2126	2274	2271	2257	2432	2410	2208·9	2435
Males . .	1008	1136	1136	975	1093	1136	1169	1168	1235	1247	1130·3	1266
Females .	951	1035	1131	947	1033	1138	1102	1089	1197	1163	1078·6	1169
TOTAL Deaths	1588	1672	1759	1586	1856	1205	1484	2082	1856	1446	1653·4	1547
Males . .	786	826	954	755	927	623	728	995	960	733	828·7	811
Females .	802	846	805	831	929	582	756	1087	896	713	824·7	736

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867–76, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Sept. 15.	Sept. 22.	Sept. 29.	Oct. 6.	Oct. 13.	Oct. 20.	Oct. 27.	Nov. 3.	Nov. 10.	Nov. 17.	Nov. 24.	Dec. 1.	Dec. 8.
TOTAL Deaths - - -	1261	1179	1237	1308	1321	1403	1499	1447	1448	1435	1571	1579	1547
0—20 - - -	631	528	588	600	602	665	750	727	742	750	815	804	816
20—40 - - -	196	194	179	207	183	188	193	216	190	192	209	219	183
40—60 - - -	195	215	209	216	240	230	242	227	238	242	250	248	265
60—80 - - -	196	196	221	227	250	274	252	231	233	215	253	267	238
at 80 years & upwds.	43	46	40	58	46	46	62	46	45	36	44	41	45
Deaths of children { Under 1 year -	329	272	314	299	315	307	358	342	337	323	381	375	391
{ 1—5 - - -	214	170	167	196	193	236	281	268	295	314	312	320	316
{ 5—20 - - -	88	86	107	105	94	122	111	117	110	113	122	109	169
Deaths from 7 principal Zymotic Diseases {	226	190	174	153	195	214	241	229	229	223	258	248	234
" " Small-pox - - -	10	10	13	14	14	8	14	9	25	14	27	31	25
" " Measles - - -	23	22	16	23	33	36	67	47	62	66	82	81	76
" " Scarlet fever - -	38	30	49	38	50	68	64	82	67	61	55	52	46
" " Diphtheria - - -	7	8	4	2	11	9	6	9	6	8	11	5	5
" " Whooping-cough -	32	18	18	21	10	21	28	24	15	23	32	27	36
" " Typhus fever - - -	3	2	2	3	3	5	3	4	1	2	5	1	5
" " Enteric (or Typhoid) fever -	23	24	17	15	21	36	32	31	35	26	29	30	21
" " Simple Contagious fever -	4	5	3	1	5	6	4	4	6	-	4	5	1
" " Diarrhoea - - -	86	71	52	36	48	25	23	19	12	23	13	16	19
" " Simple Cholera - -	1	2	2	1	1	-	1	-	-	-	-	-	-
" " Dis. of Respiratory Organs -	152	159	174	257	259	297	371	335	338	313	409	417	397
" " Phthisis - - -	146	158	148	163	149	151	159	158	140	150	163	128	133
" " Heart Diseases - -	82	67	71	84	89	79	63	91	81	87	93	115	91
Violent Deaths - - -	39	40	52	47	51	47	56	46	40	53	43	45	48
Inquest Cases - - -	74	74	81	83	93	91	99	94	77	96	85	77	93
Deaths in Public Institutions	245	235	241	266	264	235	276	259	269	257	248	267	267
TEMPERATURE OF THE AIR:													
Mean - - -	58·9	51·1	48·5	48·5	48·1	46·7	49·7	49·1	51·0	45·6	42·8	41·9	43·4
Mean of Highest readings -	67·0	59·8	60·5	62·2	56·2	57·9	56·4	56·7	57·1	52·0	48·9	47·2	47·3
Mean of Lowest readings -	53·3	44·6	40·1	36·1	40·9	37·5	43·6	42·1	45·1	38·8	36·3	36·6	38·3
Mean Temperature of the Water of the Thames -	59·5	58·7	55·3	54·4	52·7	51·5	-	50·7	50·6	49·2	45·5	43·0	42·2
Humidity of the Air - - -	78	81	86	79	77	72	87	80	86	88	84	86	90
Rain-fall in inches - - -	0·16	0·16	0·03	0·00	0·33	0·13	1·24	0·04	0·72	0·83	1·12	1·07	0·49
Registered Sunshine (in hours)	11 2	20·8	19·7	33·3	18·0	35·0	10·8	19·2	12·7	10·9	11·9	12·3	4·5

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., L.L.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. Melandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-NINTH Week of the Year 1877.

Average in the Forty-ninth Weeks of the 10 years 1867-76.*	In the Week ending Saturday, December 8, 1877.								Average in the Forty-ninth Weeks of the 10 years 1867-76.*	In the Week ending Saturday, December 8, 1877.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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Ovarian Dropsy									2. Uterus Disease, &c.									2. Uterus Disease, &c.									ORDER 7.									ORDER 7.									1. Synovitis (Arthritis)									1. Synovitis (Arthritis)									2. Joint Disease, &c.									2. Joint Disease, &c.									ORDER 8.									ORDER 8.									1. Phlegmon									1. Phlegmon									2. Ulcer									2. Ulcer									3. Skin Disease, &c.									3. Skin Disease, &c.									IV. DEVELOPMENTAL DISEASES.									IV. DEVELOPMENTAL DISEASES.									ORDER 1.									ORDER 1.									1. Premature Birth									1. Premature Birth									2. Cyanosis									2. Cyanosis									3. Spina Bifida									3. Spina Bifida									4. Other Malformations									4. Other Malformations									5. Teething									5. Teething									ORDER .									ORDER .									1. Paramenia									1. Paramenia									2. Childbirth (see Puer- peral Fever)									2. Childbirth (see Puer- peral Fever)									ORDER 3.									ORDER 3.									1. Old Age									1. 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and be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1877.

is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.	Enume- rated Popu- lation, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include														
				Deaths of		Deaths from												
				Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Un- known Cause.	Un- known Cause.	Un- known Cause.
LONDON	3,254,260	2435	1547	391	283	25	76	46	5	36	5	21	1	19	48	63	22	22
WEST DISTRICTS	561,359	375	253	65	55	3	10	4	-	5	1	3	-	3	3	22	16	16
NORTH DISTRICTS	751,729	530	342	85	59	5	10	18	2	4	-	7	1	4	9	13	13	13
CENTRAL DISTRICTS	334,369	198	140	37	23	-	5	4	-	4	2	1	-	-	8	13	13	13
EAST DISTRICTS	639,111	527	342	85	61	7	20	6	1	7	2	4	-	6	17	24	24	24
SOUTH DISTRICTS	967,692	805	465	119	85	10	31	14	2	16	-	6	-	6	11	15	15	15
WEST DISTRICTS.																		
St. Mary Paddington WH	58728	42	22	3	5	1	1	1	-	3	-	-	-	-	-	-	-	-
St. John Paddington H	38085	15	14	1	5	-	-	-	-	1	-	-	-	-	-	-	-	-
Kensington Town W	91645	65	50	15	8	-	4	2	-	-	-	-	-	-	1	6	6	6
Brompton H	28654	15	10	3	1	-	-	-	-	1	-	-	-	-	-	-	-	-
St. Peter Hammersmith	6662	5	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith H	36029	34	17	3	5	-	1	-	-	-	-	1	-	-	1	1	1	1
Fulham WvH	23350	26	19	7	3	2	-	-	-	-	1	1	-	-	-	-	-	-
Chelsea South HHH	26420	18	13	5	2	-	1	-	-	-	-	-	-	1	-	-	-	-
Chelsea North-west WHHHH	22926	14	14	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Chelsea North-east	21392	34	11	7	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Hanover Square H	18698	6	10	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
May Fair WW	13358	6	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Belgrave HH	57972	31	21	2	6	-	1	-	-	-	-	-	-	-	-	-	-	-
St. John Westminster HH	38478	21	26	7	4	-	2	-	-	-	-	-	-	-	-	-	-	-
St. Margaret Westminster WH	27781	20	11	1	4	-	-	1	-	-	-	-	-	-	-	-	-	-
Golden Square WH	12860	7	6	1	3	-	-	-	-	-	-	1	-	1	-	-	-	-
Berwick-street H	20759	6	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Anne Soho HHHHH	17562	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DISTRICTS.																		
All Souls Marylebone HHHH	28579	16	17	1	4	-	1	-	-	-	-	-	-	-	-	-	-	-
Cavendish Square HH	15425	3	4	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone WH	26384	16	20	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary Marylebone HHH	21786	21	14	5	3	-	1	-	-	-	-	1	-	-	-	-	-	-
Christchurch Marylebone H	33944	16	19	5	1	-	-	1	-	-	-	-	-	-	-	-	-	-
St. John Marylebone H	33136	19	10	4	1	-	-	-	-	1	-	-	-	-	-	-	-	-
Hampstead WvHH	32281	17	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Regent's Park Pancras	38200	19	8	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tottenham-court vHHH	29370	15	17	3	2	-	-	1	-	-	-	1	-	-	-	-	-	-
Gray's Inn Lane HHH	29221	16	8	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Somers Town	38533	23	12	3	-	-	1	-	1	-	-	-	-	-	-	-	-	-
Camden Town WH	17943	11	11	1	5	-	-	2	-	-	-	-	-	1	1	1	1	1
Kentish Town v	68193	65	32	8	6	-	1	2	-	1	-	-	-	-	-	-	-	-
Islington West HHH	97320	83	50	16	7	1	3	7	-	1	-	2	-	-	1	2	2	2
Islington East Wvvh	115958	79	60	16	13	-	-	3	-	-	-	-	1	2	-	-	-	-
Stoke Newington H	9841	12	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Stamford Hill	6598	5	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney	28069	29	9	2	2	-	-	-	-	1	-	1	-	-	-	-	-	-
Hackney WvvhHL	50104	45	29	4	4	4	1	2	1	-	-	-	-	-	-	-	-	-
South Hackney	30339	20	10	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-
CENTRAL DISTRICTS.																		
St. George Bloomsbury	17853	10	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles South WH	19109	34	8	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles North	16594	10	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Long Acre	11379	4	10	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Charing Cross HH	9859	5	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand	9378	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes H	10723	4	5	1	-	-	-	-	-	1	1	-	-	-	-	-	-	-
St. George-the-Martyr HHHHH	20521	11	10	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Eastern W	13529	11	8	3	-	-	1	-	-	1	1	-	-	-	-	-	-	-
Saffron Hill H	9066	5	7	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
St. James Clerkenwell W	18917	10	10	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Amwell Clerkenwell	16884	6	5	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Pentonville	13337	7	6	4	1	-	-	-	-	1	-	-	-	-	-	-	-	-
Goswell-street	16242	15	14	6	-	-	-	4	-	1	-	-	-	-	-	-	-	-
Old-street H	12161	9	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
City-road HHL	18301	14	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Whitecross-street	13792	9	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Finsbury	10741	6	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph East London H	14540	7	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Cripplegate	13638	5	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre H	7562	1	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Bride W	11185	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard	4428	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch	6270	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe	4753	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking	5764	-	3	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Broad-street H	7845	2	3	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; v—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see also at the foot of next page.

IA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
 mber 1877.

DISTRICT.		Enu- merated Popu- lation, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include														Inquest Cases.	Deaths in Public Institutions.
					Deaths of		Deaths from													
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.				
ST. MARTIN'S.																				
HL†		12480	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-			
-		16545	12	6	3	1	-	-	-	-	-	-	-	-	-	-	-			
-		27835	23	10	1	2	-	-	1	-	-	-	-	-	1	1	1			
-		26933	13	8	3	2	-	-	-	-	-	-	-	-	-	-	3			
-		43421	24	25	7	7	-	1	1	-	2	-	-	1	1	1	5			
ST. MARY.																				
WHL†		29822	22	12	6	1	-	-	-	-	-	-	1	-	-	-	-			
-		42433	38	24	5	9	-	-	-	-	1	1	1	-	-	1	9			
-		26577	26	7	3	1	-	-	-	-	-	-	-	-	-	-	-			
-		21272	24	11	5	1	-	-	-	2	-	-	-	-	2	2	-			
ST. MICHAEL.																				
-		22499	17	9	2	3	1	-	-	-	-	-	-	-	1	1	-			
-		15550	11	14	3	3	-	-	-	-	-	-	-	-	1	1	3			
-		11597	15	6	2	-	-	-	-	-	-	-	-	-	-	1	9			
-		7322	4	18	1	4	-	-	-	-	-	-	-	-	1	1	-			
-		10381	7	2	-	1	-	-	-	-	-	1	-	-	1	1	16			
-		9224	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
ST. NICHOLAS.																				
-		17900	9	8	2	-	1	-	-	-	-	-	-	-	1	1	-			
-		21350	18	14	4	1	-	-	-	-	1	-	-	-	1	1	-			
-		8802	3	12	-	2	-	1	-	-	-	-	-	2	1	1	5			
ST. PETER.																				
-		11640	9	5	1	-	-	-	1	-	-	-	-	-	1	1	1			
-		16131	13	7	1	1	-	-	1	-	-	-	-	-	-	1	-			
-		29919	29	18	7	2	2	-	-	-	1	-	-	-	-	-	-			
ST. PETER'S.																				
WHL		38128	26	15	2	3	-	2	-	-	1	-	-	-	-	-	-			
-		55024	62	29	6	5	3	2	-	-	-	-	1	-	1	2	3			
ST. PETER'S.																				
-		67765	74	59	11	10	-	6	1	-	-	-	-	-	1	3	4			
-		48611	43	20	9	2	-	3	1	-	-	-	-	-	1	3	16			
ST. PETER'S.																				
WH		14573	16	6	-	-	-	1	-	-	1	-	-	-	-	-	1			
-		15677	3	4	2	1	-	1	-	-	-	-	-	-	-	-	-			
-		20421	10	14	5	-	-	1	-	-	-	-	-	-	-	-	-			
-		16695	13	6	1	-	1	1	1	-	-	-	-	1	-	-	-			
-		18961	20	5	-	2	-	-	-	-	-	-	-	-	-	1	2			
-		23682	27	18	7	4	-	2	1	-	1	-	-	-	-	-	1			
-		48248	49	23	5	9	-	2	-	-	-	-	-	-	-	-	-			
-		16792	9	5	2	1	-	1	-	-	-	-	1	-	-	-	4			
ST. PETER'S.																				
WHL		4373	3	13	-	2	-	-	-	-	-	-	2	-	1	2	11			
-		10500	5	4	1	-	-	-	1	-	-	-	-	-	-	-	-			
-		16787	13	5	2	-	-	1	1	-	-	-	-	-	-	-	-			
-		15709	14	14	5	1	1	-	-	-	-	-	-	-	-	-	-			
-		47933	63	21	7	3	1	-	-	-	2	-	-	-	1	1	2			
-		27096	18	13	3	2	-	3	1	-	3	-	-	-	1	2	2			
ST. PETER'S.																				
-		14074	8	4	-	2	-	-	-	-	-	-	-	-	-	-	2			
-		18465	11	4	-	2	-	-	-	-	-	-	-	-	-	-	-			
-		19492	14	17	2	2	-	-	-	-	-	-	-	-	-	-	-			
-		35833	38	34	6	7	1	-	-	-	1	-	-	-	4	5	12			
-		41286	24	18	5	2	1	1	3	1	2	-	-	-	-	2	12			
-		31221	14	10	3	1	-	1	2	-	-	-	-	-	-	1	-			
-		35435	32	19	5	2	4	-	1	-	-	-	-	-	-	-	-			
-		12536	11	3	2	1	-	-	-	-	-	-	-	1	1	-	-			
ST. PETER'S.																				
-		27347	13	4	-	2	-	-	-	-	-	-	-	-	-	-	-			
-		54016	66	43	13	6	-	7	-	-	-	-	-	-	2	2	9			
-		19783	9	6	3	1	-	-	-	-	-	-	-	1	-	1	1			
-		9439	10	1	-	1	-	-	-	-	-	-	-	-	-	-	-			
-		14475	15	3	-	-	-	-	-	-	-	-	-	-	-	-	-			
ST. PETER'S.																				
-		4041	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
-		31254	28	20	6	7	-	-	-	-	-	1	-	-	-	-	-			
-		42160	42	24	8	1	1	-	1	-	-	-	-	-	1	1	6			
-		33851	34	17	5	1	-	5	-	1	-	-	-	-	-	-	-			
ST. PETER'S.																				
-		53714	45	21	6	5	-	-	1	-	1	-	2	-	1	-	-			
-		6474	3	2	1	1	-	-	-	-	-	-	-	-	-	-	-			
-		21034	12	7	3	2	-	-	-	-	-	-	-	-	-	-	-			
-		19378	14	9	3	2	-	-	-	-	-	-	-	-	-	-	3			
ST. PETER'S.																				
-		4539	3	2	-	2	-	-	-	-	-	-	-	-	-	-	-			
-		16440	10	4	-	2	-	-	-	-	-	-	-	-	-	-	-			
-		11513	9	2	-	2	-	-	-	-	-	-	-	-	-	-	-			
-		19065	13	4	2	1	-	-	-	-	-	-	-	-	-	-	-			
ST. PETER'S.																				
-		9584	6	2	1	-	-	-	1	-	-	-	-	-	-	-	-			
-		17226	8	8	1	2	-	-	1	-	-	-	-	-	-	-	-			
-		18331	18	7	2	-	-	-	3	-	-	-	-	-	-	-	-			
-		13027	8	5	1	2	-	-	-	-	1	-	-	-	-	-	-			
-		15232	12	4	1	1	-	-	-	-	1	-	-	-	-	-	1			

These Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the

Asylum in Tottenham-court sub-district.
 Kentish Town sub-district.
 Islington East sub-district.
 " Hackney sub-district.
 " Hoxton New Town sub-district.
 " Mile End Old Town Eastern sub-dist.
 London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
 Stepney Bow sub-district.
 Poplar & Stepney Sick Asylum
 Westminster Union Industrial School in Battersea sub-district.
 Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston sub-district.
 † Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during
Week ending Saturday, 8th December 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- mer- ated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Un- known.
	LONDON—OUTER RING	368,414	631,381	573	264	62	75	1	15	11	2	2	-	1	6	11
29: 1	Carshalton <i>wL</i> - - -	12228	13523	14	7	1	2	-	-	-	-	-	-	-	1	1
2	Epsom (<i>part of</i>) * <i>WH</i> -	9971	9145	6	5	-	5	-	-	-	-	-	-	-	-	-
36: 1	Godstone (<i>part of</i>) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-
37: 1	Croydon <i>WWH</i> - - -	20851	71319	74	28	4	11	-	1	-	1	-	-	-	-	-
2	Mitcham <i>WH</i> - - -	11697	12534	14	4	1	1	-	-	-	-	-	-	-	1	1
38: 1	Wimbledon <i>HH</i> - - -	3220	9087	13	1	-	1	-	-	-	-	-	-	-	-	-
2	Kingston <i>WH</i> - - -	8549	27489	30	14	3	4	-	3	1	1	-	-	-	-	-
3	Esher (<i>part of</i>) * - - -	6601	7353	7	2	1	-	-	-	-	-	-	-	-	-	-
4	Hampton - - -	4573	10185	10	5	-	-	-	-	-	-	-	-	-	-	-
39: 1	Richmond <i>WH</i> - - -	2271	16829	11	4	-	2	-	-	-	-	-	-	-	-	-
2	Mortlake - - -	2961	9316	4	4	1	-	-	2	-	-	-	-	-	1	1
40: 1	Bromley (<i>part of</i>) * <i>HH</i> -	15669	19509	14	8	5	2	-	-	-	-	-	-	-	-	-
2	Chislehurst (<i>part of</i>) * <i>W</i> -	13665	10028	5	2	2	-	-	-	-	-	-	-	-	-	-
41: 1	Bexley <i>H</i> - - -	13439	19566	19	3	-	1	-	-	-	-	-	-	-	-	-
123: 1	Sunbury <i>W</i> - - -	11055	9860	5	1	-	1	-	-	-	-	-	-	-	-	-
2	Staines <i>W</i> - - -	13277	10339	4	4	2	1	-	-	-	-	-	-	-	-	-
124: 1	Hillingdon <i>WH</i> - - -	6029	9712	8	4	1	2	-	-	-	-	-	-	-	-	-
2	Uxbridge - - -	6178	5329	2	3	-	2	-	-	-	-	-	-	-	-	-
3	Hayes <i>WL</i> - - -	14587	10497	8	3	-	2	-	-	-	-	-	-	-	-	-
125: 1	Isleworth <i>W</i> - - -	7008	19930	22	6	1	3	-	-	-	-	-	-	-	-	-
2	Twickenham - - -	2477	10533	3	1	1	-	-	-	-	-	-	-	-	-	-
3	Brentford <i>HL</i> - - -	4370	20279	10	8	3	3	-	-	-	-	-	-	-	-	-
4	Chiswick - - -	1311	8508	10	3	2	-	-	-	-	-	-	-	-	-	-
5	Acton <i>WH</i> - - -	6087	12683	9	4	1	-	-	-	-	-	-	-	-	-	-
126: 1	Harrow <i>H</i> - - -	13809	10869	4	3	-	2	-	-	-	-	-	-	-	-	-
2	Edgware <i>H</i> - - -	6994	3450	3	2	1	1	-	-	-	-	-	-	-	-	-
3	Willesden - - -	4383	15869	14	13	3	2	-	4	1	-	1	-	-	1	1
4	Hendon <i>WH</i> - - -	8382	6972	10	2	1	1	-	-	-	-	-	-	-	-	-
127: 1	South Mimms - - -	15419	5924	5	3	-	2	-	-	-	-	-	-	-	-	-
2	Barnet <i>W</i> - - -	5423	7752	4	6	-	2	-	-	-	-	-	-	-	-	-
3	Finchley <i>L</i> - - -	4688	11493	12	13	3	-	-	-	-	-	-	-	-	-	-
128: 1	Hornsey <i>H</i> - - -	3039	19357	23	6	1	-	-	-	1	-	-	-	-	-	-
2	Tottenham <i>H</i> - - -	4642	22869	22	7	4	-	-	-	2	-	-	-	-	-	-
3	Edmonton <i>WW</i> - - -	7483	13860	11	8	1	4	-	-	1	-	-	-	-	-	-
4	Enfield <i>WH</i> - - -	12653	16054	9	1	1	-	-	-	-	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	2	1	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - -	8493	7518	5	4	-	1	-	-	-	-	-	-	1	-	-
134: 1	Hatfield (<i>part of</i>) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-
136: 1	Bushey - - -	9028	6472	1	1	1	-	-	-	-	-	-	-	-	-	-
185: 1	Stratford - - -	882	23286	19	8	1	2	-	1	2	-	-	-	-	-	-
2	West Ham <i>WWW</i> - - -	7345	44642	60	30	9	5	1	3	3	-	-	-	-	2	-
3	Leyton <i>WW</i> - - -	4274	15513	16	12	1	5	-	1	-	-	-	-	-	-	-
4	Walthamstow <i>H</i> - - -	6619	15701	20	9	3	1	-	-	-	-	1	-	-	-	-
186: 1	Chigwell (<i>part of</i>) * <i>H</i> -	10483	8169	8	6	1	3	-	-	-	-	-	-	-	-	-
188: 1	Romford (<i>part of</i>) * - -	6730	2879	4	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - -	8492	5947	9	5	2	1	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	10	-	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chislehurst (pop. 134: 1, only the parish of Northaw in Hatfield sub-district; 186: 1, the whole of the Chigwell sub-district, except the parish of Thaxted (pop. 798); 188: 1, only the parish of Dagenham in Romford sub-district.

GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 8th December 1877.

	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from									Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.		
N	446,494	4,367,547	21·6	3·2	1811	453	358	26	91	57	7	38	27	20	54	303	
-	78,080	3,533,484	22·8	3·5	1547	391	283	25	76	46	5	36	27	19	48	267	
-	368,414	834,063	16·5	2·0	264	62	75	1	15	11	2	2	-	1	6	36	

the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, which is equivalent to the area of a circle having a radius of 6·23 miles. The area is, therefore, 122 square miles, equal to the square of a little more than a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES.

	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
-	429,535	November 3	-	303	36·8	Fevers 140; cholera 26.
-	644,405	" 6	-	458	37·0	Remittent fever 173; measles 42.
-	397,552	October 19	-	-	-	-
-	1,988,806	December 6	-	888	23·3	Typhoid fever 22; diphtheria 26.
-	67,829	" 1	35	25	19·2	-
-	173,000	" 1	89	83	24·9	Measles 3.
-	289,981	November 24	206	122	21·4	Typhus and typhoid fever 2; croup 4.
-	136,231	" 24	113	54	20·5	-
-	104,095	" 24	77	36	18·0	Scarlet fever 2.
N	215,000	December 4	160	99	24·0	-
-	146,845	November 24	-	57	20·2	Scarlet fever 4; typhoid fever 2.
-	79,000	December 1	55	23	15·1	Scarlet fever 2.
BRGH	669,741	November 10	-	403	31·3	Sm.-pox 13; scar. fev. 10; typhus & typhd. fev. 32.
-	397,269	" 17	830	447	22·9	Scarlet fever 26; diphtheria 21.
(ate)	393,588	" 17	282	179	23·7	Whooping - cough 11; typhus 3.
-	202,295	" 24	145	87	22·1	Scarlet fever 5.
-	257,000	December 1	198	129	26·1	Scarlet fever 2; diphtheria 2.
-	215,000	" 1	167	116	28·0	-
-	714,548	" 1	503	336	24·4	Small-pox 14; diphtheria 19.
-	315,401	November 24	241	218	36·0	Scarlet fever 6; diphtheria 11.
-	280,564	" 3	135	119	21·9	Small-pox 2; diphtheria and croup 6.
-	454,948	" 11	-	-	-	-
-	223,488	" 17	142	83	18·7	Typhus and typhoid fever 6.
-	139,796	December 1	-	-	-	-
-	212,034	November 22	217	166	40·8	Diphtheria 4; whooping-cough 10.
-	1,077,228	" 10	-	459	22·2	Scarlet fever 10; diphtheria 24; croup 16.
-	527,830	" 10	-	184	18·1	Diphtheria 14; scarlet fever 6.
IA	850,856	" 17	-	268	16·4	Scarlet fever 5; diphtheria 12; typhoid fever 5.
-	363,000	" 10	-	126	18·0	Diphtheria 8; croup 8.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 8th DECEMBER, 1877.

[Under the Superintendence of the Astronomer Royal.]

MOON.		READINGS OF THERMOMETERS.										DIFFERENCE				WIND.				RAIN.								
Phases of Moon.		BARO-METER.		Dry		Dew Point.	Highest in the sun, as shown by a self-registering thermometer blackened bulb in vacuo, placed on Grass.	Lowest on the Grass, as shown by a self-registering thermometer with Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between Dew Point and Temperature Air Temperature.		Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*		Degree of Humidity, complete saturation being represented by 100.		As deduced from Anemometers.				Collected in a Gauge whose receiving surface is 5 in. above the ground.							
		High-est.	Low-est.	Range in day.	Mean daily value.	Mean daily value.	Highest.	Lowest.			Great-est.	Least.	Mean daily value.	Great-est.	Least.	Mean of 24 Days.	General Direction.		Pressure on square foot.		Amount of Horizontal Movement of Air each day.		Robinson's.		Department from Average of 16 years.			
																	A. M.	P. M.										
1877.																												
MONTH AND DAY.																												
DECEMBER.																												
SUN..	2	in.	29·852	47·4	35·7	11·7	41·7	40·1	75·0	31·1	44·3	41·5	1·6	4·2	0·0	0·1	94	NNE.&NE.	NE.&NNE.	2·1	0·0	0·1	273	—	46	Inches	0·02	0·0
MON..	3	"	29·969	46·2	38·5	7·7	44·1	43·5	51·0	33·0	43·4	41·3	0·6	3·4	0·0	0·1	98	NNE.&NE.	NE.&NNE.	1·3	0·0	0·1	270	—	50	"	0·08	0·0
TURS..	4	New	29·804	45·4	42·1	3·3	43·4	39·5	50·3	41·8	42·5	40·3	3·9	7·7	0·9	0·1	86	NNE.&N.	N.	0·8	0·0	0·0	203	—	118	"	0·02	0·0
WED..	5	Greatest Dec.S.	29·775	44·2	38·1	6·1	41·6	39·1	49·7	35·2	42·5	40·3	2·5	5·1	0·5	0·1	90	NNW.&N.	N.S.&SSE.	0·2	0·0	0·0	142	—	180	"	0·01	1·5
THURS.	6	"	29·337	55·0	41·0	14·0	47·6	45·5	77·0	38·0	42·8	40·3	2·1	5·6	0·0	0·0	92	SE.SSE.&S.	SSW.SW.&WSW.	8·5	0·0	1·0	425	+	102	"	0·21	5·2
FRI..	7	"	29·759	48·6	37·2	11·4	43·4	39·3	57·8	34·0	43·3	41·5	4·1	8·8	1·3	1·9	86	WSW.&SW.	SSW.&NW.	4·3	0·0	0·6	325	+	5	"	0·14	2·3
SAT..	8	"	30·043	47·6	35·5	12·1	41·8	36·7	66·6	31·1	44·3	42·1	5·1	9·0	3·5	0·4	82	W.WSW.&SW.	WSW.&SW.	0·4	0·0	0·0	243	—	72	"	0·01	0·0
MEANS .			29·791	47·8	38·3	9·5	43·4	40·5	61·1	34·9	43·3	41·0	2·8	6·3	0·9	1·7	90	NNE.&WSW.		..	..	..	Sum 1881	Sum — 359	Sum	0·49	1·3	
No.of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27		

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873. *In reading the 17th and 25th columns it will be borne in mind that + is read “higher,” and “lower,” than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

*In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and - "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight. The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the supervision of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., Chief Commissioner of Metropolitan Police. The numbers in column 29 derived from Campbell's Registering Sun Dial show the agree-

SKY AND ATMOSPHERE.

DATE.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
DECEMBER.					
SUNDAY	2	The electrical apparatus was not in action throughout the week.	2.5	8.1	Shower of rain about 6h. A.M. Very fine during day and the amount of cloud was small.
MONDAY	3		0.0	8.0	Overcast. Frequent rain.
TUESDAY	4		0.0	8.0	Overcast. Occasional rain.
WEDNESDAY	5		0.0	8.0	Overcast. Thin rain in morning.
THURSDAY	6		0.3	8.0	Overcast with heavy rain in morning; generally fine afterwards. Cloudless at night.
FRIDAY	7		0.0	7.9	Fine in morning, and a solar halo was observed between 10h. A.M. and 11h. A.M. Overcast in afternoon and evening, with frequent rain.
SATURDAY	8	1.7	7.9	Very fine in morning; overcast in afternoon and evening. A little rain fell at night.	

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PRINTED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

[7.VOL. XXXVIII.] WEEK ENDING SATURDAY, DECEMBER 15. [Price 1½d.]

*General Register Office, Somerset House,
17th December, 1877.*

UNITED KINGDOM.

Last week 5882 *births* and 3828 *deaths* were registered in LONDON AND TWENTY-TWO OTHER LARGE TOWNS of the UNITED KINGDOM. The natural increase of population was 2054. The mortality from all causes was at the average rate of 11·1 deaths annually in every 1000 persons living. The annual death-rate was 25·1 in 1000 in Edinburgh, 25 in Glasgow, and 33 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, arranged in order from the lowest, were as follow:—Portsmouth 17, Leicester 18, Brighton 20, Bradford 21, Bristol 22, Birmingham 23, London 24, Manchester 25, Salford 24, Newcastle 24, Norwich 24, Leeds 25, Plymouth 25, Liverpool 26, Sunderland 26, Wolverhampton 26, Nottingham 26, and the rate 29 in Manchester. The annual death-rate from the seven principal zymotic diseases averaged 3·6 per 1000 in the twenty towns, and ranged from 1·1 in Hull and Nottingham, to 5·0 and 7·1 in Liverpool and Sunderland. Scarlet fever and whooping-cough showed fatal prevalence in the Bishopscote portion of Sunderland. Small-pox caused 31 deaths in London, whereas from this disease was recorded in any of the nineteen provincial towns.

LONDON.

2542 BIRTHS and 1613 DEATHS were registered. Allowing for the population, the births exceeded by 110, whereas the deaths were 184 below the average numbers in the corresponding week of the last ten years. The death-rate from all causes, which in the two previous weeks had been 22·3, and 22·8 per 1000, rose last week to 23·8.

1613 deaths included 31 from small-pox, 92 from measles, 54 from scarlet fever, 25 from diphtheria, 25 from whooping-cough, 26 from different forms of typhus, 10 from diarrhoea; thus to the seven principal diseases of the zymotic class 248 deaths were referred, against 258, 248, and 234 in the three preceding weeks. These 248 deaths were 38 below the corrected average number from the seven principal diseases in the corresponding week of the last ten years, and were at an annual rate of 3·7 per 1000. The 92 fatal cases of measles exceeded the average in recent weeks, and were 40 above the corrected weekly average; 8 in Marylebone, 5 in Pancras, 4 in Islington, 6 in Clerkenwell, 6 in Bow, 12 in Newington, 12 in Battersea, 6 in Camberwell, 5 in Greenwich, and 4 in St. George's. The 54 deaths from scarlet fever, an increase of eight upon those in the two previous weeks, included 12 in Islington, 3 in Clerkenwell, 3 in St. Luke, 8 in Newington, 12 in Newington. Of the 25 fatal cases of whooping-cough, 6 occurred in Islington, 4 in Newington, and 4 in Bermondsey. Diphtheria caused 2 deaths in Kentish Town, 2 in Islington, and 2 in Peckham. The deaths referred to fever, which had been 36 in the two previous weeks, were 26 last week, and 15 below the corrected average. There were 20 fatal cases of typhus, 20 of enteric or typhoid, and 3 of simple fever. The fatal case of typhus occurred at 76, Earl's Court Road, Brompton; one at St. George's Fever Hospital, admitted from 54, Stanhope Street, Deptford; one at 12, Boddy's Bridge, Southwark. Four deaths from enteric fever were referred to St. George's. The Metropolitan Asylum and London Fever Hospitals had 68 fever (typhus and enteric) patients on Saturday last, against 155 and 154 in the two previous weeks.

31 deaths from small-pox, which had been 31 and 25 in the two preceding weeks, again to 31 last week, of which 17 occurred in the Metropolitan Asylum, 14 in the Highgate Small-pox Hospital, and 13 in private dwelling-houses. The deceased small-pox patients had resided in Hackney, 3 in St. George's

in-the-East, 6 in Limehouse, 3 in Mile End Old Town, and 4 in Lambeth. During the past six weeks no less than 43 residents of Stepney and Mile End Old Town have died from small-pox, including 16 in hospital, and 27 in private dwelling-houses. Of the 31 fatal cases of small-pox in London last week, 13 were certified as unvaccinated and 8 as vaccinated, while in 10 cases the medical certificates gave no information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which in the first week of October had declined to 137, have since steadily increased, and were 294 on Saturday last; 85 new cases were admitted during the week, against 54 and 79 in the two previous weeks. The Highgate Small-pox Hospital contained 21 patients on Saturday last, against 16 at the end of the previous week.

Thirteen deaths were referred to puerperal fever and to the accidents of childbirth, of which 6 occurred in South London. The death of the wife of a carpenter at 10, Pulteney Street, Islington, on 10th instant, was the subject of an inquest and the verdict was "blood poisoning following confinement, accelerated by the foul atmosphere of the premises where deceased resided, and want of early medical attendance." Zymotic fatality in Islington has recently been conspicuously excessive.

The deaths referred to diseases of the respiratory organs, which had been 417 and 397 in the two previous weeks, rose again to 415 last week, but were 81 below the corrected average; 265 resulted from bronchitis, and 104 from pneumonia.

Different forms of violence caused 55 deaths; 48 were the result of negligence or accident, including 22 from fractures and contusions, 7 from burns and scalds, 3 from drowning, and 12 of infants under one year of age from suffocation. The 22 deaths from fractures and contusions were thus caused:—male 41, knocked down by a cab; male 13, knocked down by a cart; female 82, run over by a cart; male 48, run over by a van; male 34, run over on South-Western Railway; male 74, run over on railway; males 13, 31, 51, injured by machinery; male 60, fell from a roof; females 31, 61, fell down stairs; male 50, fell from warehouse; male 17, fell from topmast of a barge; males 18 and 36, by fall of timber upon; male 52, by fall of stone upon; male 36, "fell from barrow-way"; female 2, knocked down by an opening door; males 56 and 73, and female 65, fracture of thigh. An inquest was held in each of these 22 cases, except the last three, which were certified by registered medical practitioners.

GREATER LONDON.

In Greater London 3018 births and 1890 deaths were registered, equal to annual rates of 36·1 and 22·6 per 1000 of the population. In the Outer Ring, small-pox caused one, and scarlet fever 3 deaths in West Ham; 3 fatal cases of scarlet fever were also registered in Bromley and in Edmonton sub-districts. Two deaths were referred to enteric fever in Epsom, and 2 to diphtheria in Tottenham.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 39, Bombay 49, Madras 103; Paris 25; Geneva 25; Brussels 24; Amsterdam 22, Rotterdam 23, The Hague 18; Stockholm 25; Christiania 13; St. Petersburg 31; Berlin 24, Hamburg 21, Dresden 19, Breslau 27, Munich 31; Vienna 24; Buda-Pesth 39, Rome 24, Turin 27, Venice 24; Alexandria 47; New York 22, Brooklyn 18, Philadelphia 16, and Boston 19.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·93 in.; the lowest reading was 29·57 in. on Wednesday morning, and the highest 30·34 in. on Saturday morning. The mean temperature of the *air* was 39°·0, and 1°·8 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed an excess on Sunday and Wednesday, whereas it was below the average on each of the other days of the week; on Monday the mean was 35°·0, and 6°·0 below the average, while on Wednesday it was 44°·3, and in excess by 3°·6. The lowest night temperature was 28°·9 on Tuesday, and the highest day temperature in the shade 51°·1 on Wednesday; the extreme range in the week was, therefore, 22°·2. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 72°·2 on Wednesday. The difference between the mean *dew-point* and *air* temperature averaged 3°·5. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 42°·4. The mean degree of *humidity* of the air was 87, complete saturation being represented by 100; the air was therefore of an average dryness. The general direction of the *wind* was South-west, and the horizontal movement of the air averaged 12·3 miles per hour, which was 0·4 below the average in the corresponding week of 16 years. *Rain* fell on three days of the week to the aggregate amount of 0·18 of an inch. The duration of registered sunshine in the week was 6·0 hours, the sun being above the horizon during 54·8 hours; the recorded duration of sunshine was, therefore, equal to 10·9 per cent. of its possible duration.

and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 15th December 1877.

Area in Acres, exclusive of tidal water and estuary.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 15th December 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
			BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.		In Inches.	In Centimetres.
2,831	8,166,734	38·4	5882	3828	54·3	28·2	40·5	4·72	0·46	1·17
5,862	3,533,484	46·9	2512	1613	51·1	28·9	39·0	3·89	0·18	0·46
2,354	102,264	43·4	78	40	49·1	30·0	39·9	4·39	0·37	0·94
4,486	127,144	28·3	79	41	50·5	30·5	42·3	5·73	0·28	0·71
7,472	84,023	11·2	52	39	50·5	32·8	39·2	4·00	0·25	0·63
1,395	72,911	52·3	37	35	53·5	31·0	42·5	5·84	0·49	1·24
4,452	202,950	45·6	131	85	51·4	28·2	40·8	4·89	0·50	1·27
3,396	73,389	21·6	57	36	50·0	28·8	38·0	3·33	0·14	0·36
8,400	377,436	44·9	310	163	—	—	—	—	—	—
3,200	117,461	36·7	119	33	50·2	30·2	38·9	3·83	0·08	0·20
1,996	95,025	47·6	52	48	51·5	29·1	38·9	3·83	0·22	0·56
5,210	527,083	101·2	403	273	53·0	37·3	42·3	5·73	0·81	2·06
4,293	359,213	83·7	290	199	—	—	—	—	—	—
5,170	162,978	31·5	127	75	50·5	30·0	40·0	4·44	0·70	1·78
4,666	89,796	19·2	69	41	—	—	—	—	—	—
7,220	179,315	24·8	120	73	50·6	34·6	40·6	4·78	0·51	1·30
1,572	293,189	13·8	240	141	53·0	35·0	41·3	5·17	0·37	0·94
0,351	282,130	14·4	202	137	51·0	33·0	40·4	4·66	0·31	0·79
3,635	140,002	38·5	93	47	43·0	31·0	38·6	3·67	0·53	1·35
3,396	110,382	33·4	81	54	49·0	32·0	41·0	5·00	0·24	0·61
5,371	142,231	26·5	104	65	—	—	—	—	—	—
4,191	218,729	52·2	151	113	52·0	32·3	41·4	5·22	0·46	1·17
6,033	555,933	92·1	371	232	51·5	35·0	42·5	5·84	1·67	4·24
0,050	314,666	31·3	174	199	54·3	28·8	41·9	5·50	0·54	1·37

Meteorological Observers in the several towns, see note at foot of Table 4.

English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by the rule of a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Salford, however, is an exception, as the estimate is based upon the rate of increase of inhabited houses within the borough during July 1877. The population of Dublin is taken as stationary at the number enumerated in April 1871.

and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 100,000 persons, and in DUBLIN, during the Week ending Saturday the 15th December 1877.

ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Inquest Cases.	Deaths in Public Institutions.
From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from											
			Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.				
4.0	3.6	3249	757	689	31	131	121	15	92	66	35	113	183	499		
23.8	3.7	1613	359	368	31	92	54	10	25	26	10	55	91	297		
20.4	2.0	40	8	8	-	-	-	-	3	1	-	1	2	4		
16.8	2.5	41	10	7	-	1	-	-	3	2	-	1	1	1		
24.2	4.4	39	2	20	-	-	3	-	1	3	-	-	1	6		
25.1	3.6	35	9	12	-	-	2	-	1	1	1	1	1	3		
21.9	1.8	85	17	25	-	2	-	-	1	2	2	3	3	22		
25.6	4.3	36	6	11	-	-	4	-	-	-	2	2	1	6		
23.2	4.3	163	41	29	-	8	5	-	7	5	6	2	6	17		
16.9	1.3	33	14	6	-	-	-	-	3	-	-	1	4	8		
26.4	1.1	48	9	20	-	-	1	-	1	-	-	3	3	7		
27.0	5.0	273	61	40	-	15	10	2	17	4	2	17	18	37		
28.9	4.4	199	38	34	-	3	11	-	6	6	4	8	22	26		
24.0	3.5	75	20	15	-	-	6	2	1	2	-	2	3	12		
23.8	4.7	41	10	9	-	-	1	1	3	2	1	2	3	4		
21.2	2.0	73	18	13	-	-	5	-	2	-	-	-	3	5		
24.7	3.9	141	59	17	-	4	3	-	9	4	2	2	5	15		
25.3	3.9	137	31	20	-	5	9	-	2	3	2	2	5	15		
17.5	0.8	47	13	13	-	1	-	-	-	-	1	2	2	5		
25.5	7.1	54	13	9	-	-	6	-	5	3	1	2	2	4		
21.2	2.2	63	19	13	-	-	1	-	2	2	1	7	7	5		
33.0	4.2	100	30	49	2	11	-	2	2	3	5	3	1	61		

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the FIFTIETH Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2146	2183	2229	2111	2263	2225	2058	2426	2539	2546	2272·6	2545
Males . . .	1127	1145	1145	1092	1134	1142	1047	1266	1289	1295	1168·2	1295
Females . .	1019	1038	1084	1019	1129	1083	1011	1160	1250	1251	1104·4	1250
TOTAL Deaths	1700	1486	1566	1737	2121	1199	1759	1947	1834	1443	1679·2	1679
Males . . .	860	755	793	897	1036	636	894	989	976	750	858·6	890
Females . .	840	731	773	840	1085	563	865	958	858	693	820·6	789

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867–76 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Sept. 22.	Sept. 29.	Oct. 6.	Oct. 13.	Oct. 20.	Oct. 27.	Nov. 3.	Nov. 10.	Nov. 17.	Nov. 24.	Dec. 1.	Dec. 8.	Dec. 15.
TOTAL Deaths - - -	1179	1237	1308	1321	1403	1499	1447	1448	1435	1571	1579	1547	1547
0–20 - - -	528	588	600	602	665	750	727	742	750	815	804	816	786
20–40 - - -	194	179	207	183	188	193	216	190	192	209	219	183	210
40–60 - - -	215	209	216	240	230	242	227	238	242	250	248	265	244
60–80 - - -	196	221	227	250	274	252	231	233	215	253	267	238	267
at 80 years & upwds.	46	40	58	46	46	62	46	45	36	44	41	45	61
Deaths of { Under 1 year -	272	314	299	315	307	358	342	337	323	381	375	391	389
children { 1–5 - - -	170	167	196	193	236	281	268	295	314	312	320	316	302
{ 5–20 - - -	86	107	105	94	122	111	117	110	113	122	109	109	122
Deaths from 7 principal Zymotic Diseases	190	174	153	195	214	241	229	229	223	258	248	284	244
" " Smallpox - - -	10	13	14	14	8	14	9	25	14	27	31	25	25
" " Measles - - -	22	16	23	33	36	67	47	62	66	82	81	76	82
" " Scarlet Fever - -	30	49	38	50	68	64	82	67	61	55	52	46	55
" " Diphtheria - - -	8	4	2	11	9	6	9	6	8	11	5	5	5
" " Whooping-cough -	18	18	21	10	21	28	24	15	23	32	27	36	27
" " Typhus fever - - -	2	2	3	3	5	3	4	1	2	5	1	5	1
" " Enteric (or Typhoid) fever -	24	17	15	21	36	32	31	35	26	29	30	21	21
" " Simple Cont ^d fever -	5	3	1	5	6	4	4	6	-	4	5	1	1
" " Diarrhœa - - -	71	52	36	48	25	23	19	12	23	13	16	19	19
" " Simple Cholera - -	2	2	1	1	-	1	-	-	-	-	-	-	-
" " Dis. of Respiratory Organs -	159	174	257	259	297	371	335	338	313	409	417	397	417
" " Phthisis - - -	158	148	163	149	151	159	158	140	150	163	128	133	133
" " Heart Diseases - -	67	71	84	89	79	63	91	81	87	93	115	91	91
Violent Deaths - - -	40	52	47	51	47	56	46	40	53	43	45	48	48
Inquest Cases - - -	74	81	83	93	91	99	94	77	96	86	77	268	268
Deaths in Public Institutions	235	241	266	264	235	276	259	269	257	248	267	268	268
TEMPERATURE OF THE AIR:													
Mean - - -	51·1	48·5	48·5	48·1	46·7	49·7	49·1	51·0	45·6	42·8	41·9	43·4	43·4
Mean of Highest readings -	59·8	60·5	62·2	56·2	57·9	56·4	56·7	57·1	52·0	48·9	47·2	47·5	47·5
Mean of Lowest readings -	44·6	40·1	36·1	40·9	37·5	43·6	42·1	45·1	38·8	36·3	36·6	38·3	38·3
Mean Temperature of the Water of the Thames -	58·7	55·3	54·4	52·7	51·5	-	50·7	50·6	49·2	45·5	43·0	42·2	42·2
Humidity of the Air - - -	81	86	79	77	72	87	80	86	88	84	86	90	90
Rain-fall in inches - - -	0·16	0·03	0·00	0·33	0·13	1·24	0·04	0·72	0·83	1·12	1·07	0·49	0·49
Registered Sunshine (in hours)	20·8	19·7	33·3	18·0	35·0	10·8	19·2	12·7	10·9	11·9	12·3	4·5	4·5

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Bristol; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Venn, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandish, Esq., F.G.S., F.M.S., Bradford; Ed. Pilliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yell, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

N.—DEATHS Registered at several groups of AGES from different CAUSES in the FIFTIETH Week of the Year 1877.

of the 10 years 1867-76.	In the Week ending Saturday, December 15, 1877.									Average in the Fiftieth Weeks of the 10 years 1867-76.*	In the Week ending Saturday, December 15, 1877.								
	Deaths of Persons of the Ages										Deaths of Persons of the Ages								
	ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	ALL AGES.		Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.		
		Mean Tem. 39°0	0-1.	1-5.							5-20.	Mean Tem. 39°0	0-1.					1-5.	5-20.
9									Mean Temperature -	39°9	39°0								
9.2	1613	359	302	125	218	241	307	61	9. Stricture of Intestines	1°2	3	-	-	-	1	2	-	-	-
0.1	1611	357	302	125	218	241	307	61	10. Fistula - - - - -	°7	-	-	-	-	-	-	-	-	-
									11. Stomach Disease, &c. -	6°1	6	-	1	-	1	2	2	-	-
									12. Pancreas Disease, &c. -	-	-	-	-	-	-	-	-	-	-
									13. Hepatitis - - - - -	2°6	4	1	-	-	1	-	2	-	-
									14. Jaundice - - - - -	3°1	3	-	-	-	1	1	1	1	1
									15. Liver Disease, &c. -	16°1	16	1	-	-	1	9	4	1	1
									16. Spleen Disease, &c. -	°3	1	-	-	1	-	-	-	-	-
9	81	4	4	7	13	8	-	-	ORDER 5.										
5	92	19	66	7	-	-	-	-	1. Nephritis - - - - -	2°5	6	-	2	2	2	-	-	-	-
3	54	2	27	23	2	-	-	-	2. Ischuria - - - - -	°7	-	-	-	-	-	-	-	-	-
1	10	-	8	2	-	-	-	-	3. Bright's Dis. (Nephria)	10°9	13	-	-	1	4	5	3	-	-
0	1	-	1	-	-	-	-	-	4. Diabetes - - - - -	1°6	3	-	-	-	2	1	-	-	-
0	11	1	10	-	-	-	-	-	5. Calculus (Stone) - -	°8	3	-	-	-	-	1	2	-	-
8	25	6	16	3	-	-	-	-	6. Cystitis - - - - -	1°5	2	-	-	-	-	1	1	-	-
6	3	-	3	6	10	-	1	-	7. Kidney Disease, &c. -	8°0	9	-	-	1	3	2	2	1	-
8	8	-	1	-	-	2	-	-	ORDER 6.										
9	10	4	-	-	1	2	3	-	1. Ovarian Dropsy - -	°1	2	-	-	1	1	-	-	-	-
6	7	-	-	-	6	1	-	-	2. Uterus Disease, &c. -	6°3	4	-	-	-	1	1	2	-	-
2	3	-	-	-	-	1	2	-	ORDER 7.										
6	8	-	-	-	-	1	2	-	1. Synovitis (Arthritis)	°4	2	-	-	-	1	-	1	-	-
8	10	5	2	-	-	-	-	-	2. Joint Disease, &c. -	5°9	4	-	1	3	-	-	-	-	-
2	-	-	-	-	-	-	-	-	ORDER 8.										
4	-	-	-	-	-	-	-	-	1. Phlegmon - - - - -	3°0	5	-	1	1	2	1	-	-	-
3	-	-	-	-	-	-	-	-	2. Ulcer - - - - -	1°1	1	-	-	-	-	-	1	-	-
9	8	-	-	2	2	2	-	2	3. Skin Disease, &c. -	1°7	2	2	-	-	-	-	-	-	-
5	1	-	1	-	-	-	-	-	IV. DEVELOPMENTAL DISEASES.										
9	7	3	2	-	2	-	-	-	ORDER 1.										
2	1	-	-	-	-	-	-	-	1. Premature Birth - -	22°5	27	27	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-	2. Cyanosis - - - - -	1°8	8	6	1	1	-	-	-	-	-
6	1	-	-	-	-	-	-	-	3. Spina Bifida - - - -	1°1	-	-	-	-	-	-	-	-	-
8	7	7	-	-	-	-	-	-	4. Other Malformations	2°2	1	1	-	-	-	-	-	-	-
5	6	3	1	1	-	-	-	1	5. Teething - - - - -	12°4	8	6	2	-	-	-	-	-	-
6	1	-	-	-	2	2	-	-	ORDER 2.										
4	-	-	-	-	-	-	-	-	1. Paramenia - - - - -	°2	1	-	-	-	-	1	-	-	-
5	2	-	-	-	1	1	-	-	2. Childbirth (see Puer- peral Fever) - - - }	6°3	6	-	-	-	6	-	-	-	-
2	7	-	-	-	-	-	-	-	ORDER 3.										
7	6	-	2	1	-	2	1	-	1. Old Age - - - - -	62°0	54	-	-	-	-	-	23	28	-
2	37	-	-	-	5	15	17	-	ORDER 4.										
4	-	-	-	-	-	-	-	-	1. Atrophy and Debility	58°9	55	40	7	-	-	-	8	-	-
1	4	-	-	-	2	-	2	-	V. VIOLENT DEATHS, &c.										
9	13	6	4	3	-	-	-	-	ORDER 1.										
7	19	13	3	2	1	-	-	-	(ACCIDENT OR NEGLIGENCE.)										
0	151	2	4	8	82	48	7	-	1. Fractures & Contusions	18°1	22	-	1	4	5	6	5	1	-
3	22	9	8	5	-	-	-	-	2. Wounds { Gunshot } { Cut, Stab }	°7	-	-	-	-	-	-	-	-	-
2									3. Burns and Scalds - -	8°0	7	2	3	-	-	1	1	-	-
7	22	4	7	9	1	1	-	-	4. Poison - - - - -	1°2	-	-	-	-	-	-	-	-	-
5	51	2	1	2	6	13	23	4	5. Drowning - - - - -	4°1	8	-	-	-	1	2	-	-	-
5	26	-	1	-	3	4	16	2	6. Suffocation - - - -	10°4	12	12	-	-	-	-	-	-	-
9	1	-	-	-	-	-	-	-	7. Otherwise - - - - -	2°9	4	1	-	-	-	2	1	-	-
6	10	1	-	-	3	1	2	1	ORDER 3.										
8	57	42	15	-	-	-	-	-	(HOMICIDE.)										
1	21	-	-	2	1	4	11	3	1. Murder & Manslaughter	1°6	1	-	-	-	1	-	-	-	-
3									ORDER 4.										
9	3	-	1	1	-	-	1	-	SUICIDE.)										
9	5	-	-	-	1	4	-	-	1 Wounds { Gunshot } { Cut, Stab }	°3	-	-	-	-	-	-	-	-	-
0	88	-	-	3	15	28	39	3	2. Poison - - - - -	°8	1	-	-	-	-	1	-	-	-
8									3. Drowning - - - - -	°5	-	-	-	-	-	-	-	-	-
8	9	4	3	1	1	-	-	-	4. Hanging - - - - -	°9	2	-	-	-	-	2	-	-	-
5	265	73	56	7	5	35	77	12	5. Otherwise - - - - -	°7	3	-	-	-	-	-	-	-	-
5	2	-	-	-	-	-	-	-		°3	-	-	-	-	-	-	-	-	-
5	104	32	34	9	6	12	10	1	ORDER 5.										
1	11	-	-	-	1	1	9	-	(EXECUTION.)										
8	24	12	2	1	1	3	5	-	1. Hanging - - - - -	°3	-	-	-	-	-	-	-	-	-
3									Violent Deaths(not classed)										
6	4	1	-	2	1	-	-	-	Sudden Deaths (Cause unascertained) - - }	1°1	-	-	-	-	-	-	-	-	-
8	9	-	-	1	5	2	1	-	Causes not specified or ill-defined - - - }	1°7	-	-	-	-	-	-	-	-	-
8	2	1	-	-	1	1	-	-		7°4	2	2	-	-	-	-	-	-	-
2	4	1	-	-	-	-	-	-											
2	-	-	-	-	-	-	-	-											

raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1877.

"found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a homicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, TYPHUS, ENTERIC (OR TYPHOID) FEVER, SIMPLE CONTINUED FEVER, DIARRHŒA, and VIOLENCE, during the Week ending

REGISTRATION SUB-DISTRICTS.		Enu- mer- ated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include											
					Deaths of		Deaths from									
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.
LONDON		3,254,260	2542	1613	359	368	31	92	54	10	25	3	20	3	10	55
WEST DISTRICTS		561,359	381	207	50	53	1	7	2	-	2	1	1	-	-	6
NORTH DISTRICTS		751,729	629	406	82	115	14	19	17	5	11	1	8	1	3	15
CENTRAL DISTRICTS		334,369	169	139	17	21	-	8	9	-	4	-	3	1	1	8
EAST DISTRICTS		639,111	504	325	72	62	6	20	16	2	3	-	3	-	2	12
SOUTH DISTRICTS		967,692	859	536	138	117	10	38	10	3	5	1	5	1	4	14
WEST DISTRICTS.																
St. Mary Paddington WH		58728	46	17	4	8	-	1	-	-	-	-	-	-	-	-
St. John Paddington H		38085	13	6	1	1	-	-	-	-	-	-	-	-	-	-
Kensington Town W		91645	66	47	20	11	-	3	-	-	-	-	-	-	-	2
Brompton H		28654	24	16	1	4	-	-	-	-	-	1	-	-	-	1
St. Peter Hammersmith		6662	7	6	2	1	-	-	-	-	-	-	-	-	-	1
St. Paul Hammersmith H		36029	42	23	5	5	-	1	-	-	-	-	-	-	-	-
Fulham WwH		23350	22	18	5	5	1	-	1	-	-	-	-	-	-	-
Chelsea South HHH		26420	15	10	2	3	-	-	-	-	1	-	-	-	-	1
Chelsea North-west WHHHH		22926	18	9	2	1	-	-	-	-	-	-	-	-	-	-
Chelsea North-east		21392	10	3	1	-	-	-	-	-	-	-	-	-	-	-
Hanover Square H		18698	9	4	-	-	-	-	-	-	-	-	-	-	-	1
May Fair Ww		13358	6	5	-	4	-	-	-	-	-	-	-	-	-	-
Belgrave HH		57972	37	15	3	3	-	1	1	-	-	-	-	-	-	-
St. John Westminster HH		38478	30	8	1	1	-	1	-	-	-	-	1	-	-	-
St. Margaret Westminster WH		27781	11	11	1	6	-	-	-	-	1	-	-	-	-	-
Golden Square WH		12860	7	2	-	-	-	-	-	-	-	-	-	-	-	-
Berwick-street H		20759	7	4	-	-	-	-	-	-	-	-	-	-	-	-
St. Anne Soho HHHHH		17562	11	3	2	-	-	-	-	-	-	-	-	-	-	-
NORTH DISTRICTS.																
All Souls Marylebone HHHH		28579	16	18	2	4	-	2	-	1	1	-	1	-	-	1
Cavendish Square HH		15425	8	5	1	2	-	-	-	-	-	-	-	-	-	1
Rectory Marylebone WH		26384	27	24	7	10	-	1	-	-	1	-	-	-	-	-
St. Mary Marylebone HHH		21786	21	10	2	4	-	-	-	-	-	-	-	-	-	-
Christchurch Marylebone H		33944	25	21	6	6	-	1	-	-	-	-	-	-	1	1
St. John Marylebone H		33136	19	17	5	1	-	4	1	-	-	-	-	-	-	1
Hampstead WwHH		32281	18	13	3	3	1	1	-	-	-	-	-	-	-	-
Regent's Park Pancras		38200	27	20	4	7	-	1	-	-	3	-	1	-	-	2
Tottenham-court wHHH		29370	19	14	-	4	-	-	-	-	-	-	-	-	-	3
Gray's Inn Lane HHH		29221	11	9	1	4	-	-	-	-	-	-	-	-	-	2
Somers Town		38533	39	21	8	6	-	3	-	-	-	-	-	-	-	1
Camden Town W		17943	25	17	3	9	-	-	-	-	-	-	-	-	-	-
Kentish Town w		68198	62	31	4	8	-	1	2	2	-	-	1	-	-	-
Islington West HHH		97820	89	58	8	9	1	2	10	1	5	-	2	1	1	1
Islington East WwvH		115958	112	53	20	10	-	2	2	1	1	-	-	-	-	-
Stoke Newington H		9841	15	7	1	5	-	-	-	-	-	-	-	-	-	-
Stamford Hill		6598	7	6	-	6	-	-	-	-	-	-	-	-	-	-
West Hackney		28069	20	10	2	4	-	-	-	-	-	-	-	-	-	2
Hackney WwvHL		50104	42	35	-	9	12	1	1	-	-	1	2	-	-	1
South Hackney		30339	27	17	5	4	-	-	1	-	-	-	1	-	-	-
CENTRAL DISTRICTS.																
St. George Bloomsbury		17853	7	2	-	2	-	-	-	-	-	-	-	-	-	-
St. Giles South WH		19109	16	9	2	-	-	-	-	-	-	-	-	-	-	-
St. Giles North		16594	8	2	1	-	-	-	1	-	-	-	-	-	-	-
Long Acre		11379	7	7	2	2	-	1	-	-	-	-	-	-	-	-
Charing Cross HH		9859	2	3	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand		9378	2	3	1	-	-	-	-	-	-	-	-	1	-	-
St. Clement Danes H		10723	4	5	-	-	-	-	-	-	1	-	1	-	-	-
St. George-the-Martyr HHHHH		20521	19	8	2	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Eastern W		13529	4	16	1	3	-	-	-	-	2	-	-	-	-	-
Saffron Hill H		9066	5	5	-	2	-	-	1	-	-	-	-	-	-	-
St. James Clerkenwell W		18917	10	6	-	1	-	1	2	-	-	-	-	-	-	-
Amwell Clerkenwell		16884	12	6	1	1	-	2	-	-	-	-	-	-	-	-
Pentonville		13337	8	10	2	3	-	2	-	-	-	-	-	-	-	-
Goswell-street		16242	7	8	1	1	-	1	1	-	-	-	1	-	-	-
Old-street H		12161	16	7	-	1	-	-	2	-	-	-	-	-	-	-
City-road HHL		18301	9	10	1	-	-	-	1	-	-	-	-	-	-	-
Whitecross-street		13792	12	5	2	-	-	-	-	-	1	-	-	-	-	-
Finsbury		10741	3	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph East London H		14540	6	3	1	1	-	-	-	-	-	-	-	-	-	1
Cripplegate		13638	6	4	-	2	-	-	1	-	-	-	-	-	-	4
St. Sepulchre H		7562	1	13	-	-	-	1	-	-	-	-	-	-	-	-
St. Bride W		11185	4	2	-	1	-	-	-	-	-	-	-	-	-	-
Castle Baynard		4426	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch		6270	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe		4753	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking		5764	1	2	-	1	-	-	-	-	-	-	-	-	-	-
Broad Street H		7845	-	2	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands.

at the foot of next page.

WHOOPIING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
ber 1877.

The DEATHS registered in the Week include																
N CS.	Enu- mer- ated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.	
				Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.			Diarrhea.	Violence.
L†	12430	11	2	-	1	-	-	-	-	-	-	-	-	-	-	-
-	16545	5	8	4	-	-	-	-	-	-	-	-	-	-	-	-
-	27835	29	9	1	6	-	-	1	-	-	-	-	-	-	1	6
-	26933	15	7	-	1	-	-	-	-	-	-	-	-	-	1	1
-	43421	29	22	7	5	-	2	2	-	-	-	-	-	-	1	1
IL†	29822	21	8	4	-	-	-	-	-	-	-	-	-	-	1	2
-	42438	38	21	4	5	-	-	-	-	-	-	-	-	-	1	3
-	26577	24	9	5	3	-	1	-	-	-	-	-	-	-	1	2
-	21272	16	10	3	1	-	-	-	-	-	-	-	1	-	-	-
-	22499	15	5	3	-	-	-	-	-	-	-	-	-	-	1	1
-	15550	14	18	5	6	-	-	1	-	-	-	-	-	-	1	2
-	11597	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-
-	7322	4	14	-	5	-	-	-	-	-	-	-	-	-	4	4
-	10381	9	4	-	2	-	-	-	-	-	-	-	-	-	-	-
-	9224	3	7	3	1	-	-	-	-	-	-	-	-	-	-	-
-	17900	13	4	1	-	-	-	1	-	-	-	-	-	-	-	-
W	21350	12	11	2	1	1	1	-	1	-	-	-	1	-	-	-
-	8802	10	8	1	2	-	-	-	-	-	-	-	-	-	-	6
-	11640	7	8	2	-	-	1	-	-	-	-	-	-	-	-	1
-	16131	13	11	2	1	-	2	-	-	-	-	-	-	-	-	-
-	29919	28	9	6	-	3	1	-	-	-	-	-	-	-	-	-
rn	38128	30	19	3	2	1	1	-	-	2	-	-	-	-	-	-
rn WwvH-	55024	46	33	6	6	1	3	2	-	-	-	1	-	-	2	2
-	67765	55	62	8	8	-	6	8	1	-	-	1	-	-	1	2
-	48611	51	14	2	5	-	2	1	-	-	-	-	1	-	-	1
s.																
WH	14573	7	10	3	1	-	-	-	-	-	1	-	-	-	-	-
-	15677	13	6	2	1	-	-	-	-	-	-	-	-	-	-	-
-	20421	18	10	5	2	-	-	-	-	-	-	-	-	-	-	-
-	16695	7	6	2	1	-	-	-	-	-	-	-	-	-	1	1
-	18961	10	13	6	2	-	-	1	-	-	-	-	-	-	1	1
-	23682	16	18	2	-	-	2	1	-	-	-	-	-	-	1	1
-	48248	59	44	12	9	-	3	3	-	-	-	-	-	-	1	1
-	16792	14	4	-	1	-	-	-	-	-	-	-	-	-	-	-
-	4373	-	18	1	1	-	-	-	-	-	-	2	-	-	3	3
-	10500	11	2	2	-	-	-	-	-	-	-	-	-	-	1	1
-	16787	16	6	2	2	-	-	-	-	-	-	-	-	-	-	-
-	15709	18	7	1	3	-	-	-	-	-	-	-	-	-	-	-
-	47933	47	20	5	4	-	-	-	-	3	-	1	-	-	1	3
-	27096	28	15	3	3	-	2	-	-	-	-	-	-	-	2	3
-	14074	12	6	2	-	-	-	-	-	-	-	-	-	-	-	1
-	18465	13	5	3	-	-	-	-	-	-	-	-	-	-	-	-
-	19492	12	13	2	1	-	-	-	-	-	-	-	-	-	1	2
W-	35833	45	25	10	6	-	1	-	-	-	-	-	-	1	-	-
-	41286	28	11	3	5	1	-	-	-	-	-	-	-	-	-	-
-	31221	20	13	3	2	-	-	1	-	-	-	-	-	-	-	-
-	35435	40	23	5	4	7	1	-	-	-	-	-	-	-	1	-
-	12536	10	3	-	3	-	-	-	-	-	-	-	-	-	-	-
-	27347	14	9	1	1	-	2	-	-	-	-	-	-	-	-	-
-	54016	76	53	9	14	-	12	1	-	-	-	-	-	1	1	1
-	19783	17	10	4	1	-	-	-	-	-	-	1	-	-	-	-
-	9439	9	5	2	1	-	-	-	-	-	-	-	-	-	-	-
-	14475	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-
-	4041	5	1	-	1	-	-	-	-	-	-	-	-	1	-	-
-	31254	34	18	5	5	-	1	-	-	-	-	-	-	-	-	5
-	42160	44	30	10	3	-	2	-	-	-	-	-	-	-	1	-
-	33851	22	20	9	-	-	3	-	-	-	-	-	-	-	-	-
-	53714	53	21	6	2	1	2	1	-	-	-	-	-	-	-	-
-	6474	11	4	3	-	-	-	-	-	-	-	-	-	-	-	-
-	21034	8	6	-	-	-	3	-	-	-	-	-	-	-	-	-
-	19378	19	16	3	8	-	-	1	-	-	-	-	-	-	1	1
-	4539	1	4	-	2	-	-	-	-	-	1	-	-	-	-	-
-	16440	14	7	3	1	-	-	1	1	-	-	-	-	-	1	1
-	11513	9	10	1	4	1	-	-	-	-	-	-	-	-	-	-
-	19065	8	7	2	3	-	-	-	-	-	-	-	-	-	-	-
-	9564	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	17226	19	11	2	4	-	2	-	-	-	-	-	-	-	-	-
-	18331	13	10	3	1	-	2	-	-	-	-	-	-	-	-	2
-	13027	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-
-	15232	20	12	4	5	-	-	-	-	-	-	-	-	-	-	5

USE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the

Asylum in Tottenham-court sub-district.

Kentish Town sub-district.

Use in Islington East sub-district.

" Hackney sub-district.

" Hoxton New Town sub district.

" Mile End Old Town Eastern sub-dist.

of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston

† Private Lunatic Asylums in which paupers are received.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and
Bow sub-district.

Stepney

Poplar & Stepney Sick Asylum

Westminster Union Industrial School in Battersea sub-district.

Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-
ney, Brixton, and St. Paul Deptford sub-districts.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 15th December 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include									
						Deaths of		Deaths from							
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.
	LONDON—OUTER RING	368,414	631,381	476	277	56	86	1	5	14	3	3	4	5	2
29:1	Carshalton <i>wL</i> - - -	12228	13523	4	4	1	1	-	-	-	-	-	-	-	-
2	Epsom (<i>part of</i>) * <i>WH</i> -	9971	9145	8	5	1	3	-	-	-	-	-	2	-	-
36:1	Godstone (<i>part of</i>) * - -	2754	900	1	-	-	-	-	-	-	-	-	-	-	-
37:1	Croydon <i>WWH</i> - - -	20851	71319	45	25	4	5	-	-	-	-	-	-	1	-
2	Mitcham <i>WH</i> - - -	11697	12534	14	5	1	1	-	-	-	-	-	-	-	2
38:1	Wimbledon <i>HH</i> - - -	3220	9087	13	3	2	-	-	-	-	-	-	-	-	-
2	Kingston <i>WH</i> - - -	8549	27489	14	13	3	5	-	-	-	-	1	-	-	-
3	Esher (<i>part of</i>) * - - -	6601	7353	5	3	1	1	-	-	-	-	-	-	-	-
4	Hampton - - -	4573	10185	5	3	-	-	-	-	-	-	-	1	-	-
39:1	Richmond <i>WH</i> - - -	2271	16829	12	10	2	4	-	-	-	-	-	-	-	-
2	Mortlake - - -	2961	9816	5	5	1	1	-	1	-	-	-	-	-	1
40:1	Bromley (<i>part of</i>) * <i>HH</i> -	15669	19509	19	11	-	4	-	-	3	-	-	-	-	-
2	Chislehurst (<i>part of</i>) * <i>W</i> -	13665	10028	8	2	-	1	-	-	-	-	-	-	-	-
41:1	Bexley <i>H</i> - - -	13439	19566	17	6	2	1	-	-	1	-	-	-	-	1
123:1	Sunbury <i>W</i> - - -	11055	9860	11	3	-	1	-	-	-	-	-	-	-	-
2	Staines <i>W</i> - - -	13277	10339	15	5	2	1	-	-	-	-	-	-	1	-
124:1	Hillingdon <i>WH</i> - - -	6029	9712	6	4	-	2	-	-	-	-	-	-	-	-
2	Uxbridge - - -	6178	5329	3	4	1	2	-	-	-	-	-	-	-	-
3	Hayes <i>WL</i> - - -	14587	10497	4	8	-	3	-	-	-	-	-	-	1	-
125:1	Isleworth <i>W</i> - - -	7008	19930	13	5	1	3	-	-	-	-	-	-	-	-
2	Twickenham - - -	2477	10533	4	3	1	1	-	-	-	-	-	-	-	-
3	Brentford <i>HL</i> - - -	4370	20279	17	13	4	1	-	-	1	-	-	-	1	2
4	Chiswick - - -	1311	8508	7	3	-	-	-	-	-	-	-	-	-	-
5	Acton <i>WH</i> - - -	6087	12683	10	3	1	1	-	-	-	-	-	-	-	-
126:1	Harrow <i>H</i> - - -	13809	10869	2	-	-	-	-	-	-	-	-	-	-	-
2	Edgware <i>H</i> - - -	6994	3450	-	1	-	1	-	-	-	-	-	-	-	-
3	Willesden - - -	4383	15869	14	9	2	4	-	2	-	-	-	-	-	-
4	Hendon <i>WH</i> - - -	8382	6972	4	3	1	1	-	-	-	-	-	-	-	1
127:1	South Mimms - - -	15419	5924	6	1	-	1	-	-	-	-	-	-	-	-
2	Barnet <i>W</i> - - -	5423	7752	1	2	-	-	-	-	-	-	-	-	-	-
3	Finchley <i>L</i> - - -	4688	11493	10	10	-	3	-	-	-	-	-	1	-	-
128:1	Hornsey <i>H</i> - - -	3039	19357	22	16	4	6	-	-	2	1	-	-	-	-
2	Tottenham <i>H</i> - - -	4642	22869	18	11	3	5	-	-	-	2	-	-	-	-
3	Edmonton <i>WW</i> - - -	7483	13860	8	15	2	8	-	-	3	-	-	-	-	1
4	Enfield <i>WH</i> - - -	12653	16054	18	7	1	2	-	-	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	2	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - -	8493	7518	4	1	-	-	-	-	-	-	-	-	-	-
134:1	Hatfield (<i>part of</i>) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-
136:1	Bushey - - -	9028	6472	3	-	-	-	-	-	-	-	-	-	-	-
185:1	Stratford - - -	882	23286	26	9	3	2	-	1	1	-	-	-	-	-
2	West Ham <i>WWWW</i> - - -	7345	44642	47	21	5	2	1	1	3	-	1	-	1	-
3	Leyton <i>WW</i> - - -	4274	15513	9	3	-	2	-	-	-	-	-	-	-	-
4	Walthamstow <i>H</i> - - -	6619	15701	14	10	4	3	-	-	-	-	1	-	-	-
186:1	Chigwell (<i>part of</i>) * <i>H</i> -	10483	8169	1	4	1	3	-	-	-	-	-	-	-	-
188:1	Romford (<i>part of</i>) * - -	6730	2879	1	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - -	8492	5947	4	2	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	2	6	2	1	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are: 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Waringham and Farley; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chislehurst (pop. 1798); 134: 1, only the parish of Northaw in Hatfield sub-district; 186: 1, the whole of the Chigwell sub-district, except the parish of Chigwell (pop. 798); 188: 1, only the parish of Dagenham in Romford sub-district.

TER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and of MORTALITY during the Week ending Saturday, 15th December, 1877.

Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
		From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from								Deaths in Public Institutions.
					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	
46,494	4,367,547	22·6	3·4	1890	415	454	32	97	68	13	28	30	15	63	328
78,080	3,533,484	23·8	3·7	1613	359	368	31	92	54	10	25	26	10	55	297
68,414	834,063	17·3	2·2	277	56	86	1	5	14	3	3	4	5	8	31

Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 4,907 acres are foreshore and tidal water; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles radius.

2.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES.

POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
429,535	November 10	—	318	38·6	Fevers 143; cholera 21.
644,405	" 13	—	612	49·4	Remittent fever 240; measles 54.
397,552	October 19	323	789	103·4	Small-pox 34; dysentery 296.
1,988,806	December 13	—	946	24·7	Typhoid fever 24; diphtheria 31.
67,829	" 8	25	32	24·6	—
173,000	" 8	121	79	23·7	Measles 3; typhoid fever 2.
289,981	" 1	173	125	21·9	—
136,231	" 1	108	61	23·2	—
104,095	" 1	87	36	18·0	—
215,000	" 11	—	—	—	—
146,845	" 1	—	71	25·1	Scarlet fever 5.
79,000	" 8	56	20	13·2	—
669,741	November 17	—	405	31·4	Typhus and typhoid fever 36; diphtheria 10.
997,269	" 24	774	460	23·6	Scarlet fever 25; diphtheria 25.
393,588	" 24	319	155	20·5	Whooping-cough 5; diphth. and croup 6.
202,295	December 1	140	75	19·0	Scarlet fever 7; diphtheria and croup 5.
257,000	" 8	210	134	27·1	Scarlet fever 2.
215,000	" 8	157	128	31·0	Diphtheria and croup 5; typhoid fever 3.
714,548	" 8	543	329	23·9	Small-pox 5; diphtheria 19.
315,401	" 1	239	218	39·1	Scarlet fever 9; diphtheria 11.
280,564	November 10	141	127	23·5	Small-pox 2; diphtheria and croup 3.
454,948	" 11	—	—	—	—
223,488	" 24	156	114	26·5	Typhus and typhoid fever 6; diph. and croup 6.
139,796	December 8	56	65	24·2	Typhoid fever 3; diphtheria and croup 2.
212,034	November 29	181	193	47·5	Whooping-cough 13.
1,077,228	" 17	—	466	22·5	Scarlet fever 16; diphtheria 28.
527,830	" 17	—	188	18·4	Diphtheria 20.
850,856	" 24	—	258	15·8	Typhoid fever 9; diphtheria 20.
363,000	" 17	—	134	19·1	Diphtheria 9; typhoid fever 6.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 15th DECEMBER, 1877.
[Under the Superintendence of the Astronomer Royal.]

MOON.		READINGS OF THERMOMETERS.					DIFFERENCE			WIND.				RAIN.										
Phases of Moon.		Baro-METER.		Dry.		Dew Point.		In the Water of the Thames at Greenwich, by self-registering Thermometers.		Lowest on the Grass, as shown by self-registering Thermometer with bulb in vacuo, placed on the Grass.		Highest.		Lowest.		Between Dew Point and Temperature.		Between mean temperature of the day and mean temperature of the same day sent by 100.		As deduced from Anemometers.		Collected in a Gauge whose receiving surface is 5 in. above the ground.		
		Mean daily reading (corrected and reduced to 32 deg. Fahrenheit).		High-est.		Low-est.		Range in day.		Mean daily value.		Mean daily value.		Least.		Great-est.		P. M.		General Direction.		Amount of Horizontal Movement of Air of each day.		Robinson's.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending December 31, 1845.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873. * In reading the 17th and 25th columns it will be borne in mind that + is read "higher," and — "lower," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight. The temperature of the water of the Thames is ascertained by the use of self-registering thermometers suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident Inspector on board the ship, by permission of Lieutenant R. E. C. H. Chief Commissioner of Metropolitan Police.

DATE. DECEMBER.	Electricity.		Registered Sunshine, in hours.		Sun above Horizon, in hours.		SKY AND ATMOSPHERE.	
	9	10	11	12	13	14	15	16
SUNDAY	1.9	7.9	7.9	13	13	14	15	17
MONDAY	0.0	7.9	7.9	12	12	14	15	17
TUESDAY	0.0	7.8	7.8	11	11	14	15	17
WEDNESDAY	1.0	7.8	7.8	10	10	14	15	17
THURSDAY	2.9	7.8	7.8	9	9	14	15	17
FRIDAY	0.2	7.8	7.8	8	8	14	15	17
SAUNDAY	0.0	7.8	7.8	7	7	14	15	17

The electrical apparatus was not in action throughout the week.

Fine; partially cloudy till evening; cloudless with slight hoar frost at night.

Hoar frost in morning; generally overcast till afternoon; cloudless with fog and hoar frost at night.

Hoar frost in morning. Generally cloudy.

Cloudy with rain in morning; fine with little cloud in afternoon and evening.

Heavy rain in early morning, fine and partially cloudy afterwards. Hoar frost at night.

Fine; partially cloudy. Cloudless at night.

Heavy frost in evening. Overcast throughout day.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PRINTED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

[7. VOL. XXXVIII.] WEEK ENDING SATURDAY, DECEMBER 22. [Price 1½d.]

*General Register Office, Somerset House,
December 24th, 1877.*

UNITED KINGDOM.

Last week 5684 *births* and 4083 *deaths* were registered in LONDON and TWO OTHER LARGE TOWNS of the UNITED KINGDOM. The natural increase was 1601. The mortality from all causes was at the average rate of 18.5 annually in every 1000 persons living. The annual death-rate was 18.1000 in Edinburgh, 27 in Glasgow, and 28 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

Annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS, arranged in order from the lowest, were as follow:—Portsmouth 18, Leicester 19, Newcastle-upon-Tyne 21, Nottingham 21, Bradford 22, Norwich 23, Hull 23, Wolverhampton 23, Bristol 24, Plymouth 25, Brighton 26, Sheffield 26, Leeds 27, Liverpool 27, Sunderland 28, Birmingham 32, highest rate 33 in Manchester. The annual death-rate from the seven principal zymotic diseases averaged 4.0 per 1000 in the twenty towns, and ranged from 3.5 in Leicester, to 5.7 in Sunderland, 5.9 in Birmingham, and 6.4 in London. Whooping-cough showed fatal prevalence in Birmingham and Plymouth; deaths from scarlet fever were again more numerous in Wolverhampton, which caused 31 deaths in London, whereas no death from this disease was registered in any of the nineteen provincial towns.

LONDON.

ON 2478 BIRTHS and 1761 DEATHS were registered. Allowing for the population, the births exceeded by 162, and the deaths by 27, the numbers in the corresponding week of the last ten years. The annual mortality from all causes, which in the two previous weeks had been equal to 26.8 per 1000, further rose last week to 26.0. The 1761 deaths included 31 from small-pox, 102 from measles, 46 from scarlet fever, 3 from diphtheria, 64 from whooping-cough, 41 from different zymotic diseases, and 14 from diarrhoea; thus to the seven principal diseases of the class 301 deaths were referred, against 234 and 248 in the two previous weeks. These 301 deaths were 27 above the corrected average number for the same diseases in the corresponding week of the last ten years, and were at an annual rate of 4.4 per 1000. The 102 fatal cases of measles showed a decrease upon the numbers in recent weeks, and exceeded the corrected average by 46; 6 occurred in Paddington, 7 in Kentish Town, 6 in Islington, 3 in Clerkenwell, 4 in Haggerston, 9 in Stepney, 7 in Mile End Old Town, 3 in Battersea, and 7 in Camberwell. The 46 deaths from scarlet fever were 10 in Chelsea, 4 in Islington, 4 in Clerkenwell, and 3 in the City; 3 deaths from scarlet fever occurred in one family living at 16, Mayfields Buildings, Whitechapel, within the six days ending 21st instant. The 64 fatal cases of whooping-cough considerably exceeded the numbers in recent weeks, and included 10 in London; 7 were returned in St. George, Hanover Square, 4 in Marylebone, 13 in Islington, 13 in Southwark, and 6 in Lambeth. The deaths referred to whooping-cough had been 27 and 26 in the two preceding weeks, rose to 41 last week, responded with the corrected average; 6 were fatal cases of typhus, 27 of typhoid, and 8 of simple fever. A fatal case of typhus occurred at 10, Fleet, Fulham; at 3, Westbourne Park Cottages, Kensal Town, (attended by a registered medical practitioner); at the London Fever Hospital, admitted from Homfield Villas, Shepherd's Bush; at 174, St. John's Road, Shoreditch; a fatal case at the Stockwell Fever Hospital; and at 7, Robertson Street East, Islington. Four deaths were referred to enteric fever in Whitechapel. The Metropolitan and London Fever Hospitals, contained 156 fever (typhus and enteric) on Saturday last, against 173 and 168 at the end of the two previous

The deaths from small-pox, which had been 31, 25, and 31 in the three preceding weeks, were again 31 last week, of which 14 occurred in the Metropolitan Asylum Hospitals, one in the London Fever Hospital, and 16 in private dwelling-houses. Three of the deceased small-pox patients had resided in Hackney, 3 in Whitechapel, 2 in Limehouse, 3 in Mile End Old Town, 3 in Southwark, 4 in Lambeth, and one hospital case had been admitted from Croydon. Of 11 fatal cases belonging to East London, only 2 were recorded in hospital. Of the 31 fatal small-pox cases in London last week, 16 were certified as unvaccinated and 6 as vaccinated, while in 9 cases the medical certificates gave no information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which in the first week of October had declined to 137, has since steadily increased, and was 316 on Saturday last; 84 new cases were admitted during the week, against 54, 79, and 85 in the three previous weeks. The Highgate Small-pox Hospital contained 21 patients at the end of last week.

The deaths referred to diseases of the respiratory organs, which had been 397 and 415 in the two previous weeks, further rose last week to 487, and exceeded the corrected average by 17; 320 resulted from bronchitis, and 109 from pneumonia.

The death, referred to bronchitis, of a female inmate of St. Olave's Union Infirmary occurred on 15th instant, whose age was stated to be 103 years.

Different forms of violence caused 44 deaths; 36 were the result of negligence or accident, including 15 from fractures and contusions, 4 from burns and scalds, 2 from drowning, and 12 of infants under one year of age from suffocation. The 15 deaths from fractures and contusions were thus caused:—male 52, fell from a gig; male 56, run over; male 73, run over by a waggon; male 7, struck by shaft of a hand cart; male 54, crushed on a railway at Victoria Station; males 65, 76, 52, and 48, by accidental falls; male 6, fell whilst running; male 19, by fall of a stone upon; male 40, by fall of ballast upon; male 55, fell down stairs; males 38 and 6 days, fracture of skull, no evidence how caused. An inquest was held in each of these cases, except that of the male aged 52 years, who died from injuries through falling from a gig; this case was certified by a registered medical practitioner.

In the large Public Institutions 310 deaths were recorded, or 18 per cent. of the total deaths; of these, 195 occurred in Workhouse Establishments, 109 in Hospitals, and 6 in Lunatic Asylums.

GREATER LONDON.

In Greater London 3009 births and 2072 deaths were registered, equal to annual rates of 36·0 and 24·8 per 1000 of the population. In the Outer Ring, 2 fatal cases of small-pox, 3 of measles, and one of scarlet fever were recorded in West Ham sub-district. Three deaths were referred to measles in Kingston, and 3 to scarlet fever in Tottenham.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 41, Bombay 40, Madras 91; Paris 29; Geneva 22; Brussels 24; Amsterdam 25, Rotterdam 24, The Hague 21; Copenhagen 18, Stockholm 26; St. Petersburg 35; Berlin 25; Breslau 28, Munich 31; Vienna 24, Buda-Pesth 38; Turin 29, Venice 31; Alexandria 51; New York 20, Brooklyn 21, Philadelphia 16, and Boston 18.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·28 in., the highest reading was 30·51 in. on Thursday morning, and the lowest 29·87 in. at the end of the week. The mean temperature of the *air* was 41°·8, and 1°·9 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average on Tuesday and Wednesday, but showed an excess on each of the other days of the week; on Wednesday the mean was 33°·8, and 6°·2 below the average, while on Saturday it was 46°·2, and in excess by 7°·4. The lowest night temperature was 29°·7 on Wednesday, and the highest day temperature in the shade 49°·3 on Saturday; the extreme range in the week was, therefore, 19°·6. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 53°·6 on Sunday. The difference between the mean *dew-point* and *air* temperature averaged 2°·4. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police ship, was 40°·9. The mean degree of *humidity* of the air was 91, complete saturation being represented by 100. The general direction of the wind was Westerly, and the horizontal movement of the air averaged 9·8 miles per hour, which was 3·0 below the average in the corresponding week of 16 years. *Rain* fell on one day during the week, to the amount of 0·03 of an inch. The duration of registered sunshine in the week was 1·5 hours, the sun being above the horizon during 54 hours; the recorded duration of sunshine was, therefore, equal to 2·8 per cent. of its possible duration.

AND DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 22nd December, 1877.

Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 22nd December 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
			BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
212,881	8,166,734	38·4	5684	4083	52·2	26·4	42·6	59·0	0·16	0·41
75,362	3,533,484	46·9	2478	1761	49·3	29·7	41·8	5·45	0·03	0·08
2,354	102,264	43·4	56	50	48·7	29·9	42·5	5·84	0·10	0·25
4,486	127,144	28·3	71	44	-	-	-	-	-	-
7,472	84,023	11·2	63	36	49·5	27·5	41·2	5·11	0·15	0·38
1,395	72,911	52·3	39	35	50·0	33·0	43·7	6·50	0·25	0·63
4,452	202,950	45·6	130	93	49·7	29·0	42·6	5·90	0·08	0·20
3,396	73,389	21·6	52	33	48·3	29·7	40·0	4·44	0·12	0·30
8,400	377,436	44·9	301	229	-	-	-	-	-	-
3,200	117,461	36·7	95	42	50·0	30·0	42·0	5·56	0·12	0·30
1,996	95,025	47·6	63	39	49·8	29·2	40·2	4·55	0·17	0·43
5,210	527,083	101·2	351	270	52·2	34·3	44·3	6·84	0·15	0·38
4,293	359,213	83·7	269	225	-	-	-	-	-	-
5,170	162,978	31·5	142	72	51·5	32·3	41·9	5·50	0·22	0·56
4,666	89,796	19·2	72	33	-	-	-	-	-	-
7,220	179,315	24·8	115	75	49·0	31·4	42·6	5·90	0·12	0·30
21,572	298,189	13·8	193	152	52·0	32·0	43·3	6·28	0·13	0·33
19,651	282,130	14·4	186	142	50·0	31·0	43·1	6·17	0·13	0·33
3,635	140,002	38·5	138	63	50·0	31·0	40·6	4·78	0·08	0·20
3,306	110,382	33·4	88	60	-	-	-	-	-	-
5,371	142,231	26·5	88	58	-	-	-	-	-	-
4,191	218,729	52·2	138	112	51·6	37·0	45·0	7·22	0·05	0·13
6,033	555,933	92·1	409	292	52·0	40·0	46·5	8·06	0·65	1·65
10,050	314,666	31·3	147	167	52·0	26·4	43·6	6·45	0·19	0·43

* Meteorological Observers in the several towns, see note at foot of Table 4.

† English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by the rate of increase, calculated on the rate which prevailed between 1861 and 1871. Salford, however, is taken as the estimate is based upon the rate of increase of inhabited houses within the borough during the week ending Saturday, the 22nd December, 1877. The population of Dublin is taken as stationary at the number enumerated in April 1871.

AND RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 100,000 persons, and in DUBLIN, during the Week ending Saturday, the 22nd December, 1877.

ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			Deaths of		Deaths from									Inquest Cases.	Deaths in Public Institutions.
					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.			Violence.
From All Causes.	From Seven Zymotic Diseases.														
25·9	4·0	3512	890	672	31	146	104	10	134	75	40	105	195	531	
26·0	4·4	1761	417	339	31	102	46	3	64	41	14	44	88	310	
25·5	1·5	50	13	9	-	-	-	-	2	-	1	1	2	4	
18·1	1·6	44	12	12	-	-	-	-	1	1	2	-	-	5	
22·4	5·6	36	7	13	-	-	5	-	-	2	2	1	2	5	
25·1	6·4	35	9	8	-	1	-	1	5	1	1	1	4	3	
23·9	3·6	93	16	20	-	5	1	-	2	5	1	6	7	16	
23·5	3·6	33	4	8	-	-	5	-	-	-	-	-	1	5	
31·7	5·9	229	63	43	-	6	8	1	20	4	4	12	27	25	
18·7	0·4	42	14	7	-	-	-	1	-	-	-	2	3	8	
21·4	2·8	39	10	12	-	2	2	-	-	1	-	1	3	6	
26·7	4·7	270	70	39	-	15	5	3	16	5	3	8	9	43	
32·7	3·1	225	53	40	-	2	9	-	3	4	3	6	19	37	
23·0	1·6	72	15	14	-	-	3	-	-	2	-	2	2	5	
19·2	1·2	33	18	4	-	-	-	-	1	-	1	-	-	3	
21·8	3·2	75	24	9	-	-	2	-	5	2	2	2	3	7	
26·6	2·6	152	52	32	-	4	-	1	7	1	2	11	14	14	
26·3	4·3	142	42	25	-	7	12	-	2	2	-	5	8	13	
23·5	1·5	63	17	12	-	1	1	-	-	2	-	-	-	9	
28·4	5·7	60	21	14	-	1	3	-	4	2	2	2	2	6	
21·3	2·2	58	13	12	-	-	2	-	2	-	2	1	1	7	
27·7	5·1	167	30	43	5	9	-	3	4	6	4	4	4	54	

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the FIFTY-FIRST Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	2161	2206	1943	2083	2164	2299	2404	1840	2050	2491	2164·1	2478
Males . .	1136	1093	993	1042	1106	1172	1211	944	1042	1321	1106·0	1256
Females .	1025	1113	950	1041	1058	1127	1193	896	1008	1170	1058·1	1222
TOTAL Deaths	1561	1558	1357	1377	1943	1288	2415	1646	1603	1456	1620·4	1761
Males . .	750	789	705	705	960	647	1161	811	797	753	807·8	926
Females .	811	769	652	672	983	641	1254	835	806	703	812·6	835

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867–76, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Sept. 29.	Oct. 6.	Oct. 13.	Oct. 20.	Oct. 27.	Nov. 3.	Nov. 10.	Nov. 17.	Nov. 24.	Dec. 1.	Dec. 8.	Dec. 15.	Dec. 22.
TOTAL Deaths - - -	1237	1308	1321	1403	1499	1447	1448	1435	1571	1579	1547	1613	1761
0—20 - - -	588	600	602	665	750	727	742	750	815	804	816	786	944
20—40 - - -	179	207	183	188	193	216	190	192	209	219	183	218	205
40—60 - - -	209	216	240	230	242	227	238	242	250	248	265	241	273
60—80 - - -	221	227	250	274	252	231	233	215	253	267	238	307	282
at 80 years & upwds.	40	58	46	46	62	46	45	36	44	41	45	61	57
Deaths of children { Under 1 year -	314	299	315	307	358	342	337	323	381	375	391	359	417
{ 1—5 - - -	167	196	193	236	281	268	295	314	312	320	316	302	400
{ 5—20 - - -	107	105	94	122	111	117	110	113	122	109	109	125	127
Deaths from 7 principal Zymotic Diseases {	174	153	195	214	241	229	229	223	258	248	234	248	301
„ „ Small-pox - - -	13	14	14	8	14	9	25	14	27	31	25	31	31
„ „ Measles - - -	16	23	33	36	67	47	62	66	82	81	76	92	102
„ „ Scarlet fever - -	49	38	50	68	64	82	67	61	55	52	46	54	46
„ „ Diphtheria - - -	4	2	11	9	6	9	6	8	11	5	5	10	3
„ „ Whooping-cough -	18	21	10	21	28	24	15	23	32	27	36	25	64
„ „ Typhus fever - - -	2	3	3	5	3	4	1	2	5	1	5	3	6
„ „ Enteric (or Typhoid) fever -	17	15	21	36	32	31	35	26	29	30	21	20	27
„ „ Simple Contag fever -	3	1	5	6	4	4	6	-	4	5	1	3	8
„ „ Diarrhoea - - -	52	36	48	25	23	19	12	23	13	16	19	10	14
„ „ Simple Cholera - -	2	1	1	-	1	-	-	-	-	-	-	-	-
„ „ Dis. of Respiratory Organs -	174	257	259	297	371	335	338	313	409	417	397	415	457
„ „ Phthisis - - -	148	163	149	151	159	158	140	150	163	128	133	151	170
„ „ Heart Diseases - -	71	84	89	79	63	91	81	87	93	115	91	96	91
Violent Deaths - - -	52	47	51	47	56	46	40	53	43	45	48	55	44
Inquest Cases - - -	81	83	93	91	99	94	77	96	85	77	93	91	88
Deaths in Public Institutions	241	266	264	235	276	259	269	257	248	267	268	297	310
TEMPERATURE OF THE AIR:													
Mean - - - - -	48·5	48·5	48·1	46·7	49·7	49·1	51·0	45·6	42·8	41·9	43·4	39·0	41·7
Mean of Highest readings -	60·5	62·2	56·2	57·9	56·4	56·7	57·1	52·0	48·9	47·2	47·8	45·1	45·4
Mean of Lowest readings -	40·1	36·1	40·9	37·5	43·6	42·1	45·1	38·8	36·3	36·6	38·3	32·5	38·1
Mean Temperature of the Water of the Thames -	55·3	54·4	52·7	51·5	-	50·7	50·6	49·2	45·5	43·0	42·2	42·4	40·3
Humidity of the Air - -	86	79	77	72	87	80	86	88	84	86	90	87	91
Rain-fall in inches - -	0·03	0·00	0·33	0·13	1·24	0·04	0·72	0·83	1·12	1·07	0·49	0·18	0·63
Registered Sunshine (in hours)	19·7	33·3	18·0	35·0	10·8	19·2	12·7	10·9	11·9	12·3	4·5	6·0	1·5

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Verneux, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

DEATHS Registered at several groups of AGES from different CAUSES in the FIFTY-FIRST Week of the Year 1877.

Fifty-first Weeks of the 10 years 1867-76.*	In the Week ending Saturday, December 22, 1877.								Average in the Fifty-first Weeks of the 10 years 1867-76.*	In the Week ending Saturday, December 22, 1877.							
	Deaths of Persons of the Ages									Deaths of Persons of the Ages							
	ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0-1.	1-5.							5-20.	Mean Tem.	0-1.					1-5.	5-20.
0-8	41-8	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	39-8	41-8	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
20-4	1761	417	400	127	205	273	282	57	9. Stricture of Intestines	3	-	-	-	-	-	2	-
11-4	1760	416	400	127	205	273	282	57	10. Fistula	-	-	-	-	-	-	-	-
									11. Stomach Disease, &c.	5	-	-	-	1	2	1	1
									12. Pancreas Disease, &c.	-	-	-	-	-	-	-	-
									13. Hepatitis	5	-	-	1	1	1	2	-
									14. Jaundice	1	-	-	-	-	1	1	-
									15. Liver Disease, &c.	15-4	27	1	1	8	11	6	-
									16. Spleen Disease, &c.	3	-	-	-	-	-	-	-
0-7	31	1	6	12	8	3	1	-	ORDER 5.	-	-	-	-	-	-	-	-
2-6	102	16	77	9	-	-	-	-	1. Nephritis	2-8	7	-	4	1	1	-	-
2-3	46	8	26	17	-	-	-	-	2. Ischuria	2	-	-	-	1	-	1	-
7-9	3	1	1	1	-	-	-	-	3. Bright's Dis. (Nephria)	11-0	13	-	-	3	6	4	-
1-3	-	-	-	-	-	-	-	-	4. Diabetes	2-0	4	-	-	-	-	1	-
1-4	13	-	12	1	-	-	-	-	5. Calculus (Stone)	1-3	2	-	-	-	1	1	-
2-9	64	22	39	3	-	-	-	-	6. Cystitis	1-3	1	-	-	-	-	1	-
	6	-	-	2	3	1	-	-	7. Kidney Disease, &c.	11-0	5	-	-	-	5	-	-
8-0	27	-	5	7	14	1	-	-	ORDER 6.	-	-	-	-	-	-	-	-
	8	-	2	3	-	-	3	-	1. Ovarian Dropsy	2	-	-	-	-	-	-	-
9-1	5	3	-	-	-	-	2	-	2. Uterus Disease, &c.	4-6	4	-	1	-	3	-	-
6-6	3	-	-	-	3	-	-	-	ORDER 7.	-	-	-	-	-	-	-	-
7-7	2	-	-	-	-	2	-	-	1. Synovitis (Arthritis)	4	-	-	-	-	-	-	-
1-0	1	-	-	-	1	-	-	-	2. Joint Disease, &c.	4-6	8	1	1	1	3	2	-
1-6	14	9	2	1	-	1	1	-	ORDER 8.	-	-	-	-	-	-	-	-
2-2	-	-	-	-	-	-	-	-	1. Phlegmon	2-9	9	2	2	1	2	-	1
3-6	-	-	-	-	-	-	-	-	2. Ulcer	1-1	2	-	-	-	1	1	-
0-9	1	-	1	3	4	3	2	1	3. Skin Disease, &c.	2-5	4	1	-	-	1	2	-
4-4	1	-	1	-	-	-	-	-	IV. DEVELOPMENTAL DISEASES.	-	-	-	-	-	-	-	-
7-8	9	7	-	-	2	-	-	-	ORDER 1.	-	-	-	-	-	-	-	-
7-7	2	-	-	-	-	1	1	-	1. Premature Birth	19-8	20	20	-	-	-	-	-
-	-	-	-	-	-	-	-	-	2. Cyanosis	3-3	3	3	-	-	-	-	-
5-5	-	-	-	-	-	-	-	-	3. Spina Bifida	1-3	-	-	-	-	-	-	-
8-8	14	14	-	-	-	-	-	-	4. Other Malformations	1-5	-	-	-	-	-	-	-
1-6	4	-	2	-	-	-	1	1	5. Teething	14-4	14	6	8	-	-	-	-
1-8	1	-	-	-	-	1	-	-	ORDER .	-	-	-	-	-	-	-	-
2-1	4	3	1	-	-	-	-	-	1. Paramenia	1	1	-	-	-	1	-	-
1-4	-	-	-	-	-	-	-	-	2. Childbirth (see Puer- peral Fever)	8-6	-	-	-	-	-	-	-
									ORDER 3.	-	-	-	-	-	-	-	-
1-8	3	-	-	-	-	1	1	1	1. Old Age	62-6	47	-	-	-	-	22	25
1-9	6	1	1	1	2	1	-	-	ORDER 4.	-	-	-	-	-	-	-	-
2-7	46	-	-	-	5	24	16	1	1. Atrophy and Debility	55-0	53	41	4	-	-	3	5
1-5	3	-	-	-	-	-	2	1	V. VIOLENT DEATHS, &c.	-	-	-	-	-	-	-	-
0-0	17	7	7	2	-	1	-	-	ORDER 1.	-	-	-	-	-	-	-	-
0-9	24	10	13	1	-	-	-	-	(ACCIDT. OR NEGLIGENCE.)	-	-	-	-	-	-	-	-
0-8	170	2	4	19	82	54	9	-	1. Fractures & Contusions	15-5	15	1	-	3	1	7	3
3-0	32	13	13	1	-	-	-	-	2. Wounds { Gunshot - Cut, Stab }	8	-	-	-	-	-	-	-
									3. Burns and Scalds	7-5	4	-	4	-	-	-	-
3-1	28	9	13	4	1	-	1	-	4. Poison	8	1	-	-	-	1	-	-
2-4	35	3	2	-	2	6	19	3	5. Drowning	5-1	2	-	-	2	-	-	-
0-3	22	-	-	-	-	5	14	3	6. Suffocation	11-1	12	12	-	-	-	-	-
3-3	-	-	-	-	-	-	-	-	7. Otherwise	2-8	2	1	-	1	-	-	-
2-2	-	-	1	3	-	-	1	-	ORDER 3.	-	-	-	-	-	-	-	-
2-9	12	-	-	-	-	7	-	-	(HOMICIDE.)	-	-	-	-	-	-	-	-
1-3	65	49	14	2	-	-	-	-	1. Murder & Manslaughter	7	3	2	-	-	1	-	-
	31	3	5	1	3	11	7	1	ORDER 4.	-	-	-	-	-	-	-	-
									(SUICIDE.)	-	-	-	-	-	-	-	-
3-8	3	-	-	-	1	2	-	-	1. Wounds { Gunshot - Cut, Stab }	2	1	-	-	-	-	1	-
2-8	87	-	1	5	13	33	35	-	2. Poison	1-1	3	-	-	-	1	2	-
									3. Drowning	1-2	1	-	-	-	-	-	-
0-8	14	8	4	-	2	-	-	-	4. Hanging	8	-	-	-	-	-	-	-
0-4	320	89	73	5	12	43	85	13	5. Otherwise	1-7	-	-	-	-	-	-	-
1-3	4	-	-	1	2	-	1	-	ORDER 5.	-	-	-	-	-	-	-	-
1-0	109	33	38	9	9	14	5	1	(EXECUTION.)	-	-	-	-	-	-	-	-
0-8	11	-	-	-	-	4	7	-	1. Hanging	2	-	-	-	-	-	-	-
2-8	29	13	4	1	4	3	3	1	Violent Deaths (not classed)	5	-	-	-	-	-	-	-
									Sudden Deaths (Cause unascertained)	7	-	-	-	-	-	-	-
1-9	2	-	-	1	1	1	-	-	Causes not specified or ill-defined	8-3	1	1	-	-	-	-	-
3-6	9	3	-	2	2	3	2	-									
1-9	-	-	-	-	-	-	-	1									
3-2	1	-	-	-	-	-	-	-									
5-7	4	2	1	-	-	1	-	1									
3-2	8	1	1	-	-	3	1	-									
1-0	2	1	1	-	-	-	-	-									

raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1877.

"found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a homicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, &c., during the Week ending

REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include											
				Deaths of		Deaths from									
				Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhoea.	Violence.
LONDON - - -	3,254,260	2478	1761	417	339	31	102	46	3	64	6	27	8	14	44
WEST DISTRICTS - - -	561,359	373	267	76	55	1	14	7	1	13	2	4	1	3	9
NORTH DISTRICTS - - -	751,729	550	427	105	85	7	24	7	-	12	1	7	-	5	19
CENTRAL DISTRICTS - - -	334,369	194	136	25	29	1	4	13	1	4	-	2	-	1	8
EAST DISTRICTS - - -	639,111	520	403	92	69	9	34	10	1	7	1	7	3	3	23
SOUTH DISTRICTS - - -	967,692	841	528	119	101	13	26	9	-	28	2	7	4	2	16
WEST DISTRICTS.															
St. Mary Paddington WH - - -	58728	50	26	12	3	-	6	-	-	3	-	-	-	-	1
St. John Paddington H - - -	38085	12	16	5	4	-	-	-	-	-	-	-	-	-	1
Kensington Town W - - -	91645	66	57	16	14	-	4	-	-	1	-	-	-	-	2
Brompton H - - -	28654	22	13	1	4	-	-	1	-	-	-	1	-	-	-
St. Peter Hammersmith - - -	6662	4	1	1	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith H - - -	36029	42	19	7	1	-	-	1	-	-	-	-	-	-	-
Fulham WwH - - -	28350	19	12	4	2	1	-	-	-	1	1	-	-	-	-
Chelsea South HHH - - -	26420	23	12	5	6	-	-	-	-	-	-	1	-	-	-
Chelsea North-west WHHHH - - -	22926	14	8	2	2	-	-	-	-	1	-	-	-	-	1
Chelsea North-east - - -	21392	29	14	5	2	-	-	3	-	-	1	-	-	-	-
Hanover Square H - - -	18698	3	8	1	2	-	1	-	1	-	-	-	-	-	-
May Fair WW - - -	13358	4	7	-	2	-	-	-	-	-	-	-	-	-	-
Belgrave HH - - -	57972	27	25	6	2	-	-	-	-	4	-	1	-	-	2
St. John Westminster HH - - -	38478	24	13	3	3	-	-	-	-	2	-	-	1	-	-
St. Margaret Westminster WH - - -	27781	9	13	2	4	-	1	1	-	1	-	1	-	-	-
Golden Square WH - - -	12860	9	10	3	1	-	-	-	-	-	-	-	-	-	-
Berwick-street H - - -	20759	4	9	1	3	-	2	-	-	-	-	-	-	-	-
St. Anne Soho HHHHH - - -	17562	12	4	2	-	-	-	1	-	-	-	-	-	-	-
NORTH DISTRICTS.															
All Souls Marylebone HHHH - - -	28579	21	24	5	4	-	1	-	-	1	-	-	-	-	-
Cavendish Square HH - - -	15425	5	4	-	3	-	-	-	-	-	-	-	-	-	1
Rectory Marylebone WH - - -	26384	13	29	3	12	-	-	-	-	1	-	-	-	-	-
St. Mary Marylebone HHH - - -	21786	20	12	7	2	-	-	-	-	-	-	-	-	-	-
Christchurch Marylebone H - - -	33944	18	14	5	4	-	1	-	-	1	-	1	-	-	-
St. John Marylebone H - - -	33136	14	17	3	2	-	2	1	-	1	-	1	-	-	-
Hampstead WwHH - - -	32281	21	15	1	4	1	-	-	-	1	-	-	-	-	1
Regent's Park Pancras - - -	38200	23	12	2	2	-	-	-	-	2	-	-	-	-	-
Tottenham-court wHHH - - -	29370	16	21	4	5	-	-	-	-	-	-	-	-	-	1
Gray's Inn Lane HHH - - -	29221	21	16	4	1	-	1	-	-	-	-	-	-	-	-
Somers Town - - -	38533	24	12	4	2	-	-	-	-	-	-	1	-	-	-
Camden Town WH - - -	17943	3	14	2	8	-	-	-	-	-	-	-	-	-	-
Kentish Town w - - -	68198	64	38	9	2	-	7	2	-	1	-	-	-	-	-
Islington West HHH - - -	97820	75	67	18	9	1	3	4	-	2	1	2	-	1	-
Islington East WwHH - - -	115958	94	63	17	13	-	3	-	-	2	-	-	-	-	-
Stoke Newington H - - -	9841	14	3	2	-	-	-	-	-	-	-	1	-	-	1
Stamford Hill - - -	6598	3	4	1	2	-	-	-	-	-	-	-	-	-	-
West Hackney - - -	28069	24	13	4	3	1	-	-	-	-	-	-	-	-	-
Hackney WwHL - - -	50104	42	34	7	4	3	4	-	-	-	-	-	-	-	1
South Hackney - - -	80339	35	15	7	3	1	2	-	-	-	-	-	-	-	-
CENTRAL DISTRICTS.															
St. George Bloomsbury - - -	17353	8	3	-	2	-	-	1	-	-	-	-	-	-	-
St. Giles South WH - - -	19109	22	3	1	-	-	-	-	-	-	-	-	-	-	-
St. Giles North - - -	16594	9	4	-	-	-	-	1	-	-	-	-	-	-	-
Long Acre - - -	11379	9	2	-	-	-	-	-	-	-	-	-	-	-	-
Charing Cross HH - - -	9859	2	2	-	1	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand - - -	9378	1	2	1	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes H - - -	10723	4	8	-	1	-	-	1	1	-	-	-	-	-	-
St. George-the-Martyr HHHHH - - -	20521	6	7	1	3	-	-	-	-	-	-	-	-	-	-
St. Andrew Eastern W - - -	13529	10	20	2	5	-	1	-	-	-	-	-	-	-	-
Saffron Hill H - - -	9066	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell W - - -	18917	17	8	3	2	-	-	-	-	-	-	-	-	-	-
Amwell Clerkenwell - - -	16884	19	8	2	1	-	2	-	-	-	-	-	-	-	-
Pentonville - - -	13337	16	9	2	2	-	1	1	-	1	-	-	-	-	-
Goswell-street - - -	16242	13	10	3	-	-	-	3	-	1	-	-	-	-	-
Old-street H - - -	12161	9	1	-	-	-	-	-	-	-	-	-	-	-	-
City-road HHL - - -	18301	14	2	-	-	1	-	2	-	1	-	-	-	-	-
Whitecross-street - - -	13792	9	3	1	-	-	-	1	-	-	-	-	-	-	-
Finsbury - - -	10741	4	3	2	1	-	-	-	-	1	-	-	-	-	-
St. Botolph East London H - - -	14540	3	5	1	2	-	-	-	-	-	-	-	-	-	-
Cripplegate - - -	13638	5	3	-	1	-	-	1	-	-	-	1	-	-	-
St. Sepulchre H - - -	7562	1	13	-	2	-	-	-	-	-	-	-	-	-	-
St. Bride W - - -	11185	2	3	1	1	-	-	-	-	-	-	-	-	-	-
Castle Baynard - - -	4426	-	2	1	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - -	6270	2	2	1	1	-	-	-	-	-	-	-	-	-	-
Queenhithe - - -	4753	4	3	-	3	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - -	5764	-	3	1	-	-	-	-	-	-	-	-	-	-	-
Broad-street H - - -	7845	4	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands at the foot of next page.

HOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT for 1877.

The DEATHS registered in the Week include																	
Enu- mer- ated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	Deaths of		Deaths from											Inquest Cases.	Deaths in Public Institutions.
			Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.			
-	12430	5	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
-	16545	10	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-
-	27835	24	19	3	6	-	-	2	-	-	-	-	-	-	-	-	6
-	26933	13	12	3	3	-	1	-	-	-	1	-	-	-	1	1	-
-	43421	29	39	7	8	1	4	-	1	-	-	1	-	-	1	4	6
-	29822	28	14	6	1	-	-	-	1	-	-	-	-	-	-	-	1
-	42433	44	39	9	10	-	2	-	1	-	-	-	-	-	-	-	16
-	26577	36	9	4	3	1	2	-	-	1	-	-	-	-	-	-	-
-	21272	14	8	2	1	-	-	-	1	-	-	-	1	-	-	-	-
-	22499	15	6	2	1	1	-	-	-	-	-	-	-	-	-	-	-
-	15550	9	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-
-	11597	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	7322	7	19	1	4	-	-	-	-	-	-	3	-	-	2	2	16
-	10381	4	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-
-	9224	5	4	1	-	-	-	-	-	-	-	1	-	-	1	1	-
-	17900	19	7	4	-	-	1	-	-	1	-	-	-	-	-	-	-
-	21350	19	12	3	3	-	2	-	2	-	-	-	-	-	-	-	-
-	8802	3	12	1	2	-	-	-	-	1	-	-	-	-	-	-	8
-	11640	5	8	3	-	-	-	-	-	-	-	-	-	1	1	1	2
-	16131	9	9	3	1	-	2	-	-	2	-	-	-	-	-	-	-
-	29919	23	21	4	-	2	7	-	-	-	-	-	-	-	-	1	-
Wych	38128	30	16	1	1	1	3	1	-	1	-	-	-	-	-	-	-
-	55024	41	40	10	4	2	4	1	-	1	-	-	1	-	2	3	2
-	67765	72	63	15	17	1	3	1	-	-	-	1	-	-	1	4	19
-	48611	43	23	4	3	-	3	-	-	-	-	-	-	-	-	1	-
-	14573	3	4	2	1	-	-	-	-	-	-	-	-	-	-	1	-
-	15677	16	9	3	1	-	1	-	-	-	-	-	-	-	-	-	-
-	20421	17	10	3	1	-	1	-	-	1	-	-	-	-	-	-	-
-	16695	15	9	5	1	-	-	-	-	2	-	-	-	-	-	-	3
-	18961	7	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-
-	23682	22	20	6	2	-	-	-	-	1	-	-	-	-	-	-	-
-	48248	35	35	2	13	1	1	2	-	2	-	-	-	-	-	-	6
-	16792	12	8	2	2	-	-	-	-	-	-	-	-	-	-	-	-
-	4373	2	10	-	2	-	-	-	-	1	-	1	-	-	1	1	8
-	10500	5	7	-	2	-	-	-	-	-	-	-	-	-	2	2	2
-	16787	10	8	1	1	-	-	-	-	-	-	-	-	-	-	-	-
-	16709	12	13	5	2	-	-	-	-	2	-	-	-	1	-	-	3
-	47933	55	17	4	4	-	-	-	-	3	-	1	1	-	-	-	-
-	27096	23	24	5	2	-	1	-	-	3	-	-	-	-	-	-	7
-	14074	3	8	1	2	-	-	-	-	-	-	-	-	-	-	-	2
-	18465	14	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
-	19492	18	12	1	-	-	-	-	-	-	-	-	-	-	3	3	6
-	35833	43	29	8	7	-	-	-	-	5	-	-	-	-	1	1	10
-	41286	25	19	8	2	-	2	-	-	-	-	-	-	-	-	-	-
-	31221	23	10	2	2	-	1	1	-	-	-	-	-	-	-	-	-
-	35435	31	31	4	4	12	-	3	-	1	1	2	-	-	1	1	17
-	12536	9	4	1	2	-	-	-	-	-	-	-	-	-	1	1	1
-	27347	13	12	3	2	-	-	1	-	-	-	-	2	-	1	1	-
-	54016	66	45	13	5	-	9	-	-	1	1	-	1	-	-	-	3
-	19783	16	8	1	2	-	-	-	-	-	-	-	-	-	-	-	4
-	9439	7	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-
-	14175	11	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-
-	4041	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	31254	23	13	1	3	-	-	-	-	1	-	-	-	-	-	1	6
-	42160	49	30	9	4	-	3	-	-	-	-	1	-	-	-	3	-
-	33851	42	21	3	6	-	4	-	-	-	-	-	-	-	-	-	-
-	53714	55	20	7	5	-	-	1	-	2	-	1	-	-	-	-	-
-	6474	11	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
-	21034	17	8	1	6	-	-	-	-	-	-	-	-	-	-	-	-
-	19378	16	12	1	2	-	-	-	-	-	-	1	-	-	-	-	9
-	4539	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
-	16440	13	4	1	3	-	-	-	-	-	-	-	-	-	-	-	-
-	11513	8	6	2	2	-	-	-	-	-	-	-	-	-	-	-	-
-	19065	18	6	1	3	-	-	1	-	-	-	-	-	-	-	-	-
-	9564	5	3	-	1	-	-	-	-	-	-	-	-	-	-	-	2
-	17226	14	12	-	1	-	2	-	-	-	-	-	-	-	-	1	-
-	18331	13	6	1	-	-	1	-	-	-	-	-	-	-	-	-	-
-	13027	7	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
-	15232	11	11	-	1	-	-	-	-	2	-	-	-	-	1	1	5

Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the

in Tottenham-court sub-district.

Kentish Town sub-district.

Islington East sub-district.

Blackney sub-district.

Hoxton New Town sub-district.

Mile End Old Town Eastern sub-dist.

Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston sub-

† Private Lunatic Asylums in which paupers are received.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and
Bow sub-district.
Stepney Bow sub-district.
Poplar & Stepney Sick Asylum
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-
ney, Brixton, and St. Paul Deptford sub-districts.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 22nd December 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include									
						Deaths of		Deaths from							
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.
	LONDON—OUTER RING	368,414	631,381	531	311	72	83	2	13	6	3	2	5	5	6
29:1	Carshalton <i>wL</i> - - -	12228	13523	14	12	3	3	-	-	-	-	-	-	-	1
2	Epsom (<i>part of</i>) * <i>WH</i> -	9971	9145	6	2	-	2	-	-	-	-	-	-	-	-
36:1	Godstone (<i>part of</i>) * - -	2754	900	1	-	-	-	-	-	-	-	-	-	-	-
37:1	Croydon <i>WWH</i> - - -	20851	71319	64	23	2	9	-	-	-	1	-	-	-	-
2	Mitcham <i>WH</i> - - -	11697	12534	14	4	3	-	-	-	-	-	-	-	-	-
38:1	Wimbledon <i>HH</i> - - -	3220	9087	7	8	1	3	-	-	-	1	-	1	-	-
2	Kingston <i>WH</i> - - -	8549	27489	22	19	2	7	-	3	-	-	-	-	-	-
3	Esher (<i>part of</i>) * - - -	6601	7353	7	2	1	-	-	-	-	-	-	-	-	-
4	Hampton - - -	4573	10185	6	8	2	1	-	-	-	-	-	-	1	-
39:1	Richmond <i>WH</i> - - -	2271	16829	4	12	3	2	-	1	-	-	-	-	-	-
2	Mortlake - - -	2961	9316	4	4	-	2	-	-	-	-	-	-	-	-
40:1	Bromley (<i>part of</i>) * <i>HH</i> -	15669	19509	15	8	3	-	-	1	-	1	-	-	-	-
2	Chislehurst (<i>part of</i>) * <i>W</i> -	13665	10028	11	4	2	2	-	-	-	-	-	-	-	-
41:1	Bexley <i>H</i> - - -	13439	19566	15	8	4	2	-	-	-	-	-	-	-	-
123:1	Sunbury <i>W</i> - - -	11055	9860	6	4	-	3	-	-	-	-	-	-	-	-
2	Staines <i>W</i> - - -	13277	10339	4	2	1	-	-	-	-	-	-	-	-	-
124:1	Hillingdon <i>WH</i> - - -	6029	9712	8	6	3	2	-	-	-	-	-	-	-	-
2	Uxbridge - - -	6178	5329	4	-	-	-	-	-	-	-	-	-	-	-
3	Hayes <i>WL</i> - - -	14587	10497	8	4	-	3	-	-	-	-	-	-	-	-
125:1	Isleworth <i>W</i> - - -	7008	19930	15	4	1	1	-	-	-	-	-	-	-	-
2	Twickenham - - -	2477	10533	6	3	1	1	-	-	-	-	-	-	-	-
3	Brentford <i>HL</i> - - -	4370	20279	11	10	1	3	-	-	2	-	-	-	1	-
4	Chiswick - - -	1311	8508	3	1	-	-	-	-	-	-	-	-	-	-
5	Acton <i>WH</i> - - -	6087	12683	14	2	-	1	-	-	-	-	-	-	-	-
126:1	Harrow <i>H</i> - - -	13809	10869	8	3	-	2	-	-	-	-	-	-	-	-
2	Edgware <i>H</i> - - -	6994	3450	4	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - -	4383	15869	20	12	6	-	-	2	-	-	-	1	1	-
4	Hendon <i>WH</i> - - -	8382	6972	3	2	1	-	-	-	-	-	1	-	-	-
127:1	South Mimms - - -	15419	5924	5	6	-	1	-	1	-	-	-	1	-	-
2	Barnet <i>W</i> - - -	5423	7752	7	5	3	1	-	-	-	-	1	-	-	-
3	Finchley <i>L</i> - - -	4688	11493	12	12	2	2	-	-	-	-	-	-	-	-
128:1	Hornsey <i>H</i> - - -	3039	19357	20	10	6	1	-	-	-	-	-	-	1	-
2	Tottenham <i>H</i> - - -	4642	22369	26	14	2	5	-	-	3	-	-	1	-	-
3	Edmonton <i>WW</i> - - -	7483	13860	9	11	2	5	-	1	-	-	-	-	1	-
4	Enfield <i>WH</i> - - -	12653	16054	4	5	3	1	-	-	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	6	2	-	1	-	1	-	-	-	-	-	-
6	Cheshunt - - -	8493	7518	4	-	-	-	-	-	-	-	-	-	-	-
134:1	Hatfield (<i>part of</i>) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-
136:1	Bushey - - -	9028	6472	2	-	-	-	-	-	-	-	-	-	-	-
135:1	Stratford - - -	882	23286	29	13	3	1	-	-	-	-	-	-	-	-
2	West Ham <i>WWWW</i> - - -	7345	44642	54	27	7	1	2	3	1	-	-	-	-	-
3	Leyton <i>WW</i> - - -	4274	15513	15	16	1	8	-	-	-	-	-	1	-	-
4	Walthamstow <i>H</i> - - -	6619	15701	18	12	-	3	-	-	-	-	-	-	-	-
186:1	Chigwell (<i>part of</i>) * <i>H</i> -	10483	8169	6	3	-	3	-	-	-	-	-	-	-	-
188:1	Romford (<i>part of</i>) * - -	6730	2379	3	1	-	-	-	-	-	-	-	-	-	-
2	Ilford - - -	8492	5947	2	1	1	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	5	6	2	1	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are: 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warlingham and Farley in the sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chislehurst (pop. 134); 134: 1, only the parish of Northaw in Hatfield sub-district; 186: 1, the whole of the Chigwell sub-district, except the parish of T. (pop. 798); 188: 1, only the parish of Dagenham in Romford sub-district.

ER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and of MORTALITY during the Week ending Saturday, 22nd December 1877.

Area in acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											Deaths in Public Institutions.
					Deaths of		Deaths from									
					From All Causes.	From Seven Zymotic Diseases.	Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.		Violence.
46,494	4,367,547	24·8	4·0	2072	489	422	33	115	52	6	66	46	19	50	353	
18,080	3,533,484	26·0	4·4	1761	417	339	31	102	46	3	64	41	14	44	310	
18,414	834,063	19·5	2·3	311	72	83	2	13	6	3	2	5	5	6	43	

Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 8,080 acres are foreshore and tidal water. The Inner London, as now constituted, contains 8,414 acres, of which 8,414 acres are water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles of 6·23 miles radius.

—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES.

POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
429,535	November 17	—	336	40·8	Fevers 165; cholera 15.
644,405	" 20	—	493	39·8	Remittent fever 173; measles 34.
397,552	October 26	305	698	91·2	Small-pox 34; dysentery 180.
1,988,806	December 20	—	968	29·3	Typhoid fever 19; diphtheria 28.
67,829	" 15	30	29	22·3	—
173,000	" 15	97	80	24·0	Measles 4.
289,981	" 8	230	142	24·9	Whooping-cough 4.
136,231	" 8	100	63	24·0	—
104,095	" 8	71	42	21·0	—
215,000	" 11	137	75	18·2	—
146,845	" 8	—	74	26·2	Typhoid fever 3.
79,000	" 15	—	—	—	—
669,741	November 24	—	448	34·8	Small-pox 13; diphtheria 13.
997,269	December 1	813	479	24·5	Diphtheria 20; scarlet fever 21.
393,588	" 1	—	—	—	—
202,295	" 8	—	—	—	—
257,000	" 15	171	136	27·5	Scarlet fever 5.
215,000	" 15	183	127	31·0	Diphtheria and croup 5.
714,548	" 15	482	329	23·9	Diphtheria 13; small-pox 8.
315,401	" 8	267	228	37·6	Diphtheria 10.
280,564	November 17	—	—	—	—
454,948	" 18	—	—	—	—
223,488	December 1	127	116	28·5	Typhoid fever and typhus 3.
139,796	" 15	85	91	30·5	—
212,034	" 6	243	207	51·0	Diphtheria 9; whooping-cough 8.
1,077,223	November 24	—	424	20·5	Diphtheria 29; scarlet fever 18.
527,830	" 24	—	219	21·5	Scarlet fever 10; diphtheria 17.
850,856	December 1	—	253	15·5	Scarlet fever 15.
363,000	November 24	—	127	18·1	Diphtheria 7.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

Printed by EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

[VOL. XXXVIII.] WEEK ENDING SATURDAY, DECEMBER 29. [Price 1½d.]

*General Register Office, Somerset House,
31st December, 1877.*

UNITED KINGDOM.

Last week 4608 *births* and 3925 *deaths* were registered in LONDON AND TWENTY-TWO other LARGE TOWNS of the UNITED KINGDOM. The natural population was 683. The mortality from all causes was at the average rate of 23·5 deaths annually in every 1000 persons living. The annual death-rate was 23·5 in 1000 in Edinburgh, 23 in Glasgow, and 27 in Dublin.

TWENTY LARGE ENGLISH TOWNS.

The annual rates of mortality per 1000 last week in the TWENTY ENGLISH TOWNS ranged in order from the lowest, were as follow:—Brighton 18, Newcastle 19, Hull 20, Leicester 20, Sheffield 22, Salford 22, Bristol 23, Birmingham 24, Portsmouth 25, Leeds 25, Nottingham 25, Oldham 26, Wolverhampton 26, London 26, Manchester 29, Norwich 29, Liverpool 25, Sunderland 30, Plymouth 33. The annual death-rate from the seven principal zymotic diseases averaged 4·1 per 1000 in the twenty towns, and ranged from 0·6 and 1·0 in Nottingham and Brighton, to 5·0 in Sheffield and Plymouth, and 5·5 in London. Whooping-cough caused the excessive zymotic rate in Plymouth and London, and scarlet fever showed fatal prevalence in Sheffield. Small-pox caused 2 deaths in London, and one in Sheffield, whereas no death from this disease occurred in any of the eighteen other provincial towns.

LONDON.

ON 1831 BIRTHS and 1757 DEATHS were registered. Allowing for the increase of population, the births were 350, and the deaths 24, below the average of the corresponding week of the last ten years. The annual death-rate from all causes, which in the three previous weeks had been equal to 22·8, 23·0, and 23·5, was last week 25·9.

The 1757 deaths included 29 from small-pox, 109 from measles, 31 from scarlet fever, 82 from diphtheria, 82 from whooping-cough, 36 from different forms of typhus, 2 from diarrhoea; thus to the seven principal diseases of the zymotic class 248 deaths were referred, against 248 and 301 in the two preceding weeks. The 1757 deaths exceeded by 41 the corrected average number from the same diseases of the corresponding week of the last ten years, and were equal to a rate of 4·6 per 1000. The 109 fatal cases of measles showed a further increase upon the numbers in recent weeks, and exceeded the corrected weekly average by 59; 8 occurred in Pancras, 9 in Islington, 8 in Clerkenwell, 11 in Mile End Old Town, 14 in Bow and Poplar, 8 in Deptford and Greenwich, and 7 in Whitechapel. The 31 deaths from scarlet fever included 7 in Pancras, 5 in Hackney, 5 in Kensington. Of the 12 fatal cases of diphtheria, 3 were returned in Islington, and 2 in Newington. The 82 deaths from whooping-cough showed a considerable increase upon the numbers in recent weeks, and included no less than 50 in South London; 5 occurred in Fulham, 8 in Islington, 8 in Clerkenwell, 17 in Southwark, and 7 in Camberwell. The deaths referred to whooping-cough had been 26 and 41 in the two preceding weeks, were 36 last week, 10 below the corrected average; 7 were fatal cases of typhus, 23 of enteric fever, and 6 of simple fever. A fatal case of typhus occurred at 13, Bransford Street, Kensington; at 65, Corbyn Street, Islington; at the Homerton Fever Hospital, admitted from 10, Martha Street, Haggerston; at 38, Langdale Street, Whitechapel; at 79, Dempsey Street, Mile End Old Town; at 1, Warburton Street, Southwark; and in Church Street, Deptford. Four fatal cases of small-pox were registered in Islington, of which 2 occurred in the London Fever Hospital, of patients admitted from outside the district. The Metropolitan London Fever Hospitals contained 157 fever (typhus and enteric) cases on Saturday last, against 173, 168, and 156 at the end of the three preceding weeks.

Deaths from small-pox, which had been 31 in each of the two previous weeks, were 29 last week, of which 13 occurred in the Metropolitan Asylum Hos-

pitals, 2 in the Highgate Small-pox Hospital, one in the London Hospital, and 13 in private dwelling-houses. Four of the deceased small-pox patients had resided in St. George-in-the-East, 3 in Stepney, 3 in Bow and Poplar, and 3 in Southwark. One fatal hospital case had been admitted from Loughton, in Essex. Of the 29 fatal small-pox cases, 11 were certified as unvaccinated and 5 as vaccinated, while in 13 cases the medical certificates gave no information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which in the first week of October had declined to 137, have since steadily increased, and were 309 on Saturday last; 83 new cases were admitted during the week, against 79, 85, and 84 in the three previous weeks. The Highgate Small-pox Hospital contained 26 patients on Saturday last, against 21 at the end of each of the two previous weeks.

Thirteen deaths were referred to childbirth and puerperal fever; two of the fatal cases of puerperal fever occurred in Islington.

The deaths referred to diseases of the respiratory organs, which had been 397, 415, and 487 in the three previous weeks, declined again to 467 last week, and were 4 below the corrected weekly average; 310 resulted from bronchitis, and 115 from pneumonia.

Different forms of violence caused 50 deaths; 47 were the result of negligence or accident, including 12 from fractures and contusions, 7 from burns and scalds, 8 from drowning, and 15 of infants under one year of age from suffocation. The 12 deaths from fractures and contusions were thus caused:—male 4, run over by a cart; male 66 and female 2, fell down stairs; male 43, fell from a scaffold; female 61, fell in the street; male 54, injury to shoulder from a fall; male 50, by fall of deals upon him; male 66, kicked by a horse; male 42, caught in machinery; male 76, fracture of arm, no evidence how caused; and females 61 and 69, by fracture of thigh. An inquest was held in each of these cases except the two last, which were certified by registered medical practitioners.

In the large Public Institutions 306 deaths were recorded, or 17 per cent. of the total deaths; of these, 204 occurred in Workhouse Establishments, 98 in Hospitals, and 4 in Lunatic Asylums.

GREATER LONDON.

In Greater London 2271 births and 2014 deaths were registered, equal to annual rates of 27·1 and 24·1 per 1000 of the population. In the Outer Ring, 2 fatal cases of small-pox, 3 of scarlet fever, and one of whooping-cough were recorded in West Ham sub-district. A death was also referred to small-pox in Croydon, in Harrow, and in Chigwell sub-districts. In Croydon, 2 fatal cases of measles and 2 of diphtheria were also registered. Enteric fever caused 2 deaths in Chiswick.

RETURNS FROM FOREIGN CITIES.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 45, Bombay 40, Madras 101; Paris 27; Geneva 17; Brussels 25; Amsterdam 28, Rotterdam 26, The Hague 16; Copenhagen 21; Stockholm 25; Christiania 14; St. Petersburg 34; Berlin 25, Hamburg 26, Dresden 22, Munich 34; Vienna 28; Buda-Pesth 43, Rome 22, Naples 28, Turin 30, Venice 27; New York 20, Brooklyn 18, Philadelphia 18, and Boston 18.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·57 in.; the highest reading was 30·03 in. on Sunday evening, and the lowest 29·16 in. on Wednesday morning. The mean temperature of the *air* was 37°·8, and 0°·1 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed an excess on Sunday, Monday, and Saturday, whereas a deficiency prevailed on each of the other days of the week; on Tuesday the mean was 33°·4, and 4°·6 below the average, while on Saturday it was 48°·2, and showed an excess of 10°·8. The lowest night temperature was 28°·7 on Friday, and the highest day temperature in the shade 54°·4 on Saturday; the extreme range in the week was, therefore, 25°·7. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in *vacuo* placed on the grass, was 71°·3 on Saturday. The difference between the mean *dew-point* and *air* temperature averaged 6°·1. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 40°·7. The mean degree of *humidity* of the air was 79, complete saturation being represented by 100; the air was therefore dry. The general direction of the *wind* was Westerly, and the horizontal movement of the air averaged 15·8 miles per hour, which was 4·1 above the average in the corresponding week of 16 years. *Rain* and melted snow were measured during the week to the aggregate amount of 0·55 of an inch. The duration of registered sunshine in the week was 12·2 hours, the sun being above the horizon during 54·3 hours; the recorded duration of sunshine was, therefore, equal to 22 per cent. of its possible duration.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 271,032 cubic metres.

and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 29th December 1877.

Area in Acres, exclusive of tidal water and estuary.	POPULATION estimated to the middle of the Year 1877.†	Persons to an Acre. (1877.)	Registered during the Week ending 29th December 1877.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
			BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
2,881	8,166,734	38·4	4608	3925	54·4	23·8	37·0	2·78	0·76	1·93
5,362	3,533,484	46·9	1831	1757	54·4	28·7	37·8	3·23	0·55	1·40
2,354	102,264	43·4	44	36	50·0	28·3	37·5	3·06	0·87	2·21
4,486	127,144	28·3	47	60	51·5	29·0	40·2	4·55	0·57	1·45
7,472	84,023	11·2	47	47	52·0	28·0	36·0	2·22	0·56	1·42
4,395	72,911	52·3	36	46	53·5	30·5	41·3	5·17	1·00	2·54
4,452	202,950	45·6	126	88	52·0	26·0	38·2	3·44	0·65	1·65
3,396	73,389	21·6	36	36	51·0	24·7	35·1	1·73	0·70	1·78
3,400	377,436	44·9	236	176	-	-	-	-	-	-
3,200	117,461	36·7	63	43	-	-	-	-	-	-
4,996	95,025	47·6	50	46	50·8	24·0	35·4	1·89	0·69	1·75
5,210	527,083	101·2	333	257	51·5	30·0	39·7	4·28	1·20	3·05
4,293	359,213	83·7	212	199	-	-	-	-	-	-
5,170	162,978	31·5	101	70	47·3	25·8	35·3	1·84	1·54	3·91
4,666	89,796	19·2	76	44	-	-	-	-	-	-
7,220	179,315	24·8	105	70	50·0	28·2	36·4	2·44	0·79	2·01
4,572	298,189	13·8	193	144	53·0	27·0	37·0	2·78	0·56	1·42
3,651	282,130	14·4	165	120	50·0	25·5	36·7	2·61	0·76	1·93
3,635	140,002	38·5	95	57	47·0	24·0	34·0	1·11	0·36	0·91
3,306	110,382	33·4	93	69	47·0	29·0	36·3	2·39	0·48	1·22
3,371	142,231	26·5	93	51	-	-	-	-	-	-
4,191	218,729	52·2	111	94	48·7	23·8	33·6	0·90	0·80	2·03
3,033	555,933	92·1	350	249	47·0	28·5	35·3	1·84	0·92	2·34
10,050	314,666	31·3	165	163	52·6	28·0	39·3	4·03	0·75	1·90

Meteorological Observers in the several towns, *see* note at foot of Table 4.
 English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1877 by the
 a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Salford, however,
 rule, as the estimate is based upon the rate of increase of inhabited houses within the borough during
 July 1877. The population of Dublin is taken as stationary at the number enumerated in April 1871.

and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population
 persons, and in DUBLIN, during the Week ending Saturday the 29th December 1877.

ANNUAL RATE OF MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
			Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhea.	Violence.		
5·2	4·1	3419	798	722	30	149	82	26	172	55	44	107	204	493
5·9	4·6	1757	398	398	29	109	31	12	82	36	12	50	94	306
8·4	1·5	36	7	10	-	-	-	-	2	-	1	1	1	2
4·6	3·3	60	10	19	-	-	1	-	6	-	1	1	3	8
9·2	1·9	47	10	17	-	-	-	-	3	-	-	1	3	4
2·9	5·0	46	9	14	-	-	-	-	6	1	-	2	4	3
2·6	3·1	88	21	13	-	8	1	1	-	1	1	1	7	5
5·6	4·3	36	6	9	-	-	3	1	2	-	-	-	-	9
4·3	5·5	176	41	25	-	6	9	1	20	2	2	6	10	21
20·4	3·1	46	13	8	-	-	-	-	6	-	1	1	3	5
25·3	0·6	46	8	14	-	-	-	-	-	-	1	3	9	3
25·4	4·4	257	54	37	-	14	6	2	19	1	2	21	21	35
23·9	4·1	199	47	37	-	5	7	2	6	2	6	3	22	26
22·4	1·6	70	16	12	-	-	2	-	1	2	-	5	8	8
25·6	2·9	44	19	9	-	1	2	1	1	-	-	-	1	-
20·4	3·2	70	23	9	-	1	2	2	3	1	2	1	1	4
35·2	2·8	144	41	23	-	1	2	-	9	1	3	6	10	17
22·2	5·0	120	24	23	1	2	11	2	2	5	4	3	4	19
41·2	2·6	57	12	12	-	1	-	1	-	1	4	1	1	6
22·6	3·8	69	22	14	-	-	3	-	3	1	1	1	2	4
18·7	3·3	51	17	14	-	1	2	1	1	1	3	-	-	8
7·0	3·3	163	20	36	1	10	-	1	3	4	1	7	10	47

TABLE 3. LONDON.—Births and Deaths Registered LAST WEEK, and in the FIFTY-SECOND Week of Ten previous Years.

	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	Weekly Average in 10 Years.	1877
TOTAL Births	1701	1664	2309	2041	1891	1923	1702	2685	2494	1978	2038 8	1891
Males . .	887	808	1205	1076	993	1000	879	1347	1247	984	1042·6	938
Females .	814	856	1104	965	898	923	823	1338	1247	994	996·2	953
TOTAL Deaths	1433	1262	1996	1760	1686	1232	1540	2442	1782	1510	1664·3	1737
Males . .	724	619	1028	894	823	622	773	1158	848	776	826·5	915
Females .	709	643	968	866	863	610	767	1284	934	734	837·8	822

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1867–76 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Oct. 6.	Oct. 13.	Oct. 20.	Oct. 27.	Nov. 3.	Nov. 10.	Nov. 17.	Nov. 24.	Dec. 1.	Dec. 8.	Dec. 15.	Dec. 22.	Dec. 29.
TOTAL Deaths - - -	1308	1321	1403	1499	1447	1448	1435	1571	1579	1547	1613	1761	1737
0–20 - - -	600	602	665	750	727	742	750	815	804	816	786	944	908
20–40 - - -	207	183	188	193	216	190	192	209	219	183	218	205	217
40–60 - - -	216	240	230	242	227	238	242	250	248	265	241	278	274
60–80 - - -	227	250	274	252	231	233	215	253	267	238	307	292	301
at 80 years & upwds.	58	46	46	62	46	45	36	44	41	45	61	57	67
Deaths of { Under 1 year -	299	315	307	358	342	337	323	381	375	391	359	417	398
children { 1–5 - - -	196	193	236	281	268	295	314	312	320	316	302	400	394
{ 5–20 - - -	105	94	122	111	117	110	113	122	109	109	125	127	109
Deaths from 7 principal Zymotic Diseases	153	195	214	241	229	229	223	258	248	234	248	301	313
„ „ Smallpox - - -	14	14	8	14	9	25	14	27	31	25	31	31	22
„ „ Measles - - -	23	33	36	67	47	62	66	82	81	76	92	102	109
„ „ Scarlet Fever -	38	50	68	64	82	67	61	55	52	46	54	46	31
„ „ Diphtheria - -	2	11	9	6	9	6	8	11	5	5	10	8	12
„ „ Whooping-cough	21	10	21	28	24	15	23	32	27	36	25	64	82
„ „ Typhus fever - -	3	3	5	3	4	1	2	5	1	5	3	6	7
„ „ Enteric (or Typhoid) fever -	15	21	36	32	31	35	26	29	30	21	20	27	29
„ „ Simple Cont ^d fever	1	5	6	4	4	6	-	4	5	1	3	8	9
„ „ Diarrhœa - - -	36	48	25	23	19	12	23	13	16	19	10	14	12
„ „ Simple Cholera -	1	1	-	1	-	-	-	-	-	-	-	-	-
„ „ Dis. of Respiratory Organs -	257	259	297	371	335	338	313	409	417	397	415	487	467
„ „ Phthisis - - -	163	149	151	159	158	140	150	163	128	133	151	170	155
„ „ Heart Diseases -	84	89	79	63	91	81	87	93	115	91	93	91	94
Violent Deaths - - -	47	51	47	56	46	40	53	43	45	48	55	44	40
Inquest Cases - - -	83	93	91	99	94	77	96	86	77	93	91	88	94
Deaths in Public Institutions	266	264	235	276	259	269	257	248	267	268	297	310	302
TEMPERATURE OF THE AIR:													
Mean - - - - -	48·5	48·1	46·7	49·7	49·1	51·0	45·6	42·8	41·9	43·4	39·0	41·8	41·8
Mean of Highest readings -	62·2	56·2	57·9	56·4	56·7	57·1	52·0	48·9	47·2	47·8	45·1	45·4	45·4
Mean of Lowest readings -	36·1	40·9	37·5	43·6	42·1	45·1	38·8	36·3	36·6	38·3	32·5	38·1	38·1
Mean Temperature of the Water of the Thames -	54·4	52·7	51·5	-	50·7	50·6	49·2	45·5	43·0	42·2	42·4	40·9	40·7
Humidity of the Air - - -	79	77	72	87	80	86	88	84	86	90	87	91	77
Rain-fall in inches - - -	0·00	0·33	0·13	1·24	0·04	0·72	0·83	1·12	1·07	0·49	0·18	0·03	0·67
Registered Sunshine (in hours)	33·3	18·0	35·0	10·8	19·2	12·7	10·9	11·9	12·3	4·5	6·0	1·5	12·2

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandshore, Esq., F.G.S., F.M.S., Bradford; Ed. Filthier, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

of the 10 years 1867-76.	In the Week ending Saturday, December 29, 1877.								Average in the Fifty-second Weeks of the 10 years 1867-76.	In the Week ending Saturday, December 29, 1877.							
	Deaths of Persons of the Ages									Deaths of Persons of the Ages							
	ALL AGES.	Under 20.			40. 20 and under	60. 40 and under	80. 60 and under	80 Years and upwards.		ALL AGES.	Under 20.			40. 20 and under	60. 40 and under	80. 60 and under	80 Years and upwards.
		Mean Tem. 37·8	0-1.	1-5.							5-20.	Mean Tem. 37·8	0-1.					1-5.	5-20.
4·3	1757	398	367	103	217	274	331	67	·8	1	-	-	-	-	1	-	
3·4	1756	397	367	103	217	274	331	67	1·0	1	-	-	-	1	4	4	
8	29	5	4	10	7	2	1	-	6·9	9	-	-	-	1	4	4	
0	109	27	77	5	-	-	-	-	-	-	-	-	-	-	-	-	
8	31	3	16	10	2	-	-	-	2·9	2	-	-	-	1	1	1	
1	12	1	6	5	-	-	-	-	4·2	6	2	1	-	2	1	1	
4	-	-	-	-	-	-	-	-	19·7	25	-	-	-	4	13	8	
3	15	1	14	-	-	-	-	-	·3	-	-	-	-	-	-	-	
0	82	28	55	1	4	-	-	-									
3	7	-	2	1	4	-	-	-									
3	23	-	2	11	6	4	-	-									
4	6	4	1	1	3	1	1	-									
9	7	-	-	1	6	-	-	-									
8	1	-	1	-	-	1	1	-									
9	2	-	-	-	-	-	-	-									
3	12	6	2	-	-	1	-	3									
6	1	-	-	-	1	-	-	-									
3	-	-	-	-	-	-	-	-									
6	7	-	1	1	2	1	2	1									
3	2	1	1	-	-	-	-	-									
1	16	11	2	-	1	2	-	-									
9	2	-	-	-	-	2	-	-									
-	-	-	-	-	-	-	-	-									
2	3	-	-	-	1	-	2	-									
3	8	8	-	-	-	-	-	-									
5	5	3	2	-	-	-	-	-									
5	1	-	-	-	1	-	-	-									
5	4	-	-	-	1	2	1	-									
8	4	4	-	-	-	-	-	-									
3	1	-	-	-	1	-	-	-									
1	4	-	-	-	1	2	-	1									
1	10	-	1	-	1	3	3	2									
8	42	-	-	-	8	19	15	-									

"found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, TYPHUS, ENTERIC (OR TYPHOID) FEVER, SIMPLE CONTINUED FEVER, DIARRHOEA, and VIOLENCE during the Week ending

REGISTRATION SUB-DISTRICTS.	Enu- me- rated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Deaths of		Deaths from										
				Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	
LONDON	3,254,260	1831	1757	398	398	29	109	31	12	82	7	23	6	12	59	3
WEST DISTRICTS	561,359	249	268	64	60	1	10	4	-	15	1	4	2	2	5	1
NORTH DISTRICTS	751,729	425	401	86	105	11	22	15	4	11	2	8	1	4	7	1
CENTRAL DISTRICTS	334,369	124	156	34	34	1	8	3	1	11	-	3	-	1	7	1
EAST DISTRICTS	639,111	419	370	76	82	8	37	4	1	7	2	3	1	2	13	2
SOUTH DISTRICTS	967,692	614	562	138	117	8	32	5	6	38	2	5	2	3	16	8
WEST DISTRICTS.																
St. Mary Paddington <i>WH</i>	58728	34	30	9	7	-	2	-	-	1	-	1	-	1	-	-
St. John Paddington <i>H</i>	38085	11	23	4	6	-	-	-	-	2	-	-	-	-	-	-
Kensington Town <i>W</i>	91645	37	50	11	9	-	3	-	-	2	1	-	-	-	-	-
Brompton <i>H</i>	28654	12	7	3	-	-	-	-	-	-	-	-	-	-	-	-
St. Peter Hammersmith	6662	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith <i>H</i>	36029	28	19	7	3	-	-	1	-	-	-	-	-	-	-	-
Fulham <i>WwH</i>	23350	26	23	4	7	-	-	-	-	5	-	-	-	-	1	-
Chelsea South <i>HHH</i>	26420	10	8	1	-	1	-	-	-	-	-	-	-	-	-	-
Chelsea North-west <i>WHHHH</i>	22926	10	13	4	5	-	-	-	-	-	-	-	-	-	-	-
Chelsea North-east	21392	6	11	5	2	-	-	-	-	-	-	-	-	1	-	-
Hanover Square <i>H</i>	18698	4	4	1	1	-	-	-	-	-	-	-	-	-	-	-
May Fair <i>WW</i>	13358	3	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Belgrave <i>HH</i>	57972	24	33	6	8	-	-	-	-	1	-	1	1	1	3	-
St. John Westminster <i>HH</i>	38478	20	18	6	5	-	2	-	-	2	-	1	-	-	-	-
St. Margaret Westminster <i>WH</i>	27781	14	15	2	3	-	3	-	-	2	-	1	-	-	-	-
Golden Square <i>WH</i>	12860	2	3	-	1	-	-	-	-	-	-	-	-	-	-	-
Berwick-street <i>H</i>	20759	5	2	-	1	-	-	-	-	-	-	-	-	-	-	-
St. Anne Soho <i>HHHHH</i>	17562	3	5	1	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DISTRICTS.																
All Souls Marylebone <i>HHHR</i>	28579	10	16	1	6	-	1	-	-	-	-	1	-	-	-	-
Cavendish Square <i>HH</i>	15425	7	4	1	1	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone <i>WH</i>	26384	13	20	2	14	-	-	-	-	2	-	-	-	-	-	-
St. Mary Marylebone <i>HHH</i>	21786	10	12	3	4	-	-	-	-	1	-	-	-	-	-	-
Christchurch Marylebone <i>H</i>	38944	12	16	6	2	-	1	-	1	-	-	-	-	-	-	-
St. John Marylebone <i>H</i>	33136	13	14	2	3	-	2	-	-	-	-	-	-	-	-	-
Hampstead <i>WvHH</i>	32281	18	14	7	3	2	-	-	-	-	-	-	-	-	-	-
Regent's Park Pancras	38200	19	9	2	-	-	-	-	-	-	-	-	-	-	-	-
Tottenham-court <i>WHHH</i>	29370	11	16	4	5	-	-	-	-	-	-	-	-	-	-	-
Gray's Inn Lane <i>HHH</i>	29221	14	7	1	2	-	1	1	-	-	-	-	-	-	1	-
Somers Town	38533	16	14	2	1	-	1	2	-	-	-	-	-	-	-	-
Camden Town <i>W</i>	17943	23	13	4	7	-	1	-	-	-	-	-	-	-	-	-
Kentish Town <i>w</i>	68198	44	36	8	6	-	5	4	-	-	-	-	-	-	-	-
Islington West <i>HHH</i>	97820	57	64	15	8	2	7	2	2	5	-	4	-	1	1	-
Islington East <i>WvWH</i>	115958	63	66	11	21	-	2	1	1	3	1	-	-	1	1	-
Stoke Newington <i>H</i>	9841	10	6	1	2	-	-	1	-	-	-	-	-	-	-	-
Stamford Hill	6598	6	1	-	-	-	-	-	-	-	-	-	-	1	-	-
West Hackney	28069	25	12	4	4	-	-	-	-	-	-	-	-	-	-	-
Hackney <i>WvWH</i>	50104	36	44	8	13	6	-	3	-	-	1	2	-	1	1	-
South Hackney	30339	18	17	4	3	1	1	1	-	-	-	1	-	-	-	-
CENTRAL DISTRICTS.																
St. George Bloomsbury	17853	8	7	4	1	1	-	-	-	-	-	-	-	-	-	-
St. Giles South <i>WH</i>	19109	7	11	2	3	-	-	-	-	1	-	-	-	-	-	-
St. Giles North	16594	4	6	2	2	-	-	1	-	-	-	-	-	-	-	-
Long Acre	11379	5	2	1	-	-	-	-	-	1	-	-	-	-	-	-
Charing Cross <i>HH</i>	9859	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand	9378	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes <i>H</i>	10723	3	12	2	1	-	-	-	-	-	-	-	-	-	-	-
St. George-the-Martyr <i>HHHHH</i>	20521	4	7	-	3	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Eastern <i>W</i>	13529	2	7	1	2	-	-	-	-	-	-	-	-	-	-	-
Saffron Hill <i>H</i>	9066	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell <i>W</i>	18917	11	18	4	2	-	1	1	1	2	-	-	-	-	-	-
Amwell Clerkenwell	16884	6	12	5	1	-	5	-	-	1	-	-	-	-	-	-
Pentonville	13337	5	4	2	-	-	-	-	-	2	-	-	-	-	-	-
Goswell-street	16242	13	12	4	2	-	2	-	-	-	-	1	-	-	-	-
Old-street <i>H</i>	12161	13	6	-	1	-	-	-	-	1	-	-	-	-	-	-
City-road <i>HHL</i>	18301	8	10	2	3	-	-	-	-	2	-	-	-	-	-	-
Whitecross-street	13792	9	6	2	2	-	-	-	-	-	-	-	-	-	-	-
Finsbury	10741	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-
St. Botolph East London <i>H</i>	14540	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Cripplegate	13638	5	7	1	3	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre <i>H</i>	7562	2	12	-	2	-	-	-	-	-	-	1	-	-	-	-
St. Bride <i>W</i>	11185	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard	4426	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch	6270	1	3	1	1	-	-	-	-	-	-	-	-	-	-	-
Queenhithe	4753	-	2	-	-	-	-	1	-	-	-	-	-	-	-	-
Allhallows Barking	5764	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Broad Street <i>H</i>	7845	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; at the foot of next page.

WHOOPIING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
 ber 1877.

The DEATHS registered in the Week include																	
IN DISTRICTS.	Enu- mer- ated Popu- lation, 1871.	Total Births during the Week.	Total DEATHS during the Week.	Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhea.	Violence.		
-	12430	6	2	1	1	-	-	-	-	-	-	-	-	-	-	-	
-	16545	9	5	-	1	-	-	-	-	-	-	-	-	-	-	1	
-	27835	15	17	7	1	-	4	-	-	-	-	-	-	-	2	-	
-	26933	14	3	1	1	-	-	-	-	-	-	-	-	1	1	-	
-	43421	36	25	7	7	-	1	-	-	-	-	1	-	-	-	10	
-	29822	17	31	1	4	-	-	1	1	-	-	-	-	-	-	1	
-	42433	29	48	4	17	1	-	-	-	3	-	-	-	-	2	20	
-	26577	21	6	2	2	-	-	-	-	-	-	-	-	-	-	-	
-	21272	9	11	2	3	-	-	-	-	-	1	-	-	-	-	-	
-	22499	9	11	4	-	-	-	1	-	2	-	-	-	-	-	-	
-	15550	8	4	1	-	-	-	-	-	-	-	-	-	-	1	-	
-	11597	15	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
-	7322	1	18	1	-	1	1	-	-	1	-	-	-	-	3	15	
-	10381	8	5	2	1	-	-	-	-	-	-	-	-	-	-	-	
-	9224	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	17900	15	8	3	1	-	1	-	-	-	1	-	-	-	-	-	
-	21350	5	8	-	2	-	1	-	-	1	1	-	-	-	-	-	
-	8802	3	8	2	2	-	-	-	-	-	-	-	-	-	-	6	
-	11640	4	7	2	-	-	-	-	-	-	-	-	-	-	3	4	
-	16131	7	9	2	1	-	2	-	-	-	-	-	-	-	-	1	
-	29919	18	16	5	1	1	2	-	-	-	-	-	-	-	-	-	
-	38128	31	16	4	3	1	3	-	-	-	1	-	-	-	-	-	
-	55024	48	35	6	14	1	8	-	-	-	-	-	-	-	-	6	
-	67765	54	67	13	14	2	9	2	-	-	-	-	1	1	2	2	
-	48611	34	27	5	6	1	5	-	-	-	-	-	-	-	3	4	
-	14573	6	13	1	5	1	-	1	-	2	-	-	-	-	-	3	
-	15677	13	7	-	1	-	-	-	-	2	-	-	-	-	-	-	
-	20421	12	10	2	-	-	-	-	-	2	-	-	-	-	1	-	
-	16695	4	8	1	-	-	1	-	-	-	1	-	-	-	-	2	
-	18961	6	8	-	1	-	-	-	-	-	-	-	-	-	-	-	
-	23682	11	17	2	4	-	-	-	1	-	-	-	-	-	1	1	
-	48248	54	41	9	8	-	1	1	-	3	-	1	-	-	-	13	
-	16792	16	11	3	2	-	-	-	1	-	-	-	-	-	-	-	
-	4373	1	15	1	-	-	-	-	1	-	-	-	-	-	2	14	
-	10500	4	3	1	-	-	-	-	-	1	-	-	-	1	-	-	
-	16787	6	11	6	-	-	-	-	-	1	-	-	-	-	2	2	
-	15709	7	11	4	4	-	-	-	-	2	-	-	-	-	1	1	
-	47933	29	24	5	3	-	2	1	-	4	-	-	-	-	1	1	
-	27096	19	23	7	5	1	1	1	-	3	-	-	-	-	2	2	
-	14074	8	8	4	1	-	-	-	-	-	-	1	-	-	1	2	
-	18465	9	8	4	2	-	-	-	-	-	-	-	-	-	-	-	
-	19492	10	9	3	-	-	-	-	-	1	-	-	-	-	-	2	
-	35833	22	32	6	9	-	1	-	-	5	-	-	-	-	-	12	
-	41286	20	13	1	-	-	-	1	-	1	-	-	-	-	-	-	
-	31221	13	10	2	2	-	-	-	-	-	-	1	-	-	-	-	
-	35435	30	19	5	4	5	-	-	-	-	-	1	-	-	-	5	
-	12536	4	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
-	27847	16	10	5	2	-	-	-	-	-	-	-	-	-	-	-	
-	54016	45	47	13	16	-	4	-	-	-	1	-	-	-	2	3	
-	19783	19	5	1	1	-	-	-	-	-	-	-	-	1	1	2	
-	9439	8	4	1	3	-	-	-	-	-	-	-	-	1	-	-	
-	14475	10	6	2	1	-	-	-	1	-	-	-	-	-	-	-	
-	4041	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
-	31254	23	23	5	7	-	1	-	-	3	-	-	-	-	-	5	
-	42160	24	22	7	5	-	-	-	-	-	-	1	-	-	-	-	
-	33851	24	23	4	4	-	4	-	-	1	-	-	-	-	-	-	
-	53714	33	38	12	7	-	3	1	-	-	1	-	-	-	1	2	
-	6474	3	3	-	1	-	-	-	-	-	-	-	-	-	-	-	
-	21034	4	6	3	3	-	1	-	-	1	-	-	-	-	-	-	
-	19378	16	18	1	5	-	4	-	-	-	-	-	-	-	1	3	
-	4539	3	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
-	16440	9	9	-	3	-	1	-	-	-	-	-	-	-	-	-	
-	11513	10	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
-	19065	11	10	3	3	-	-	-	-	1	-	-	-	-	-	-	
-	9564	9	2	1	1	-	-	-	-	-	-	-	-	-	1	-	
-	17226	12	12	4	1	-	6	-	1	1	-	-	-	-	-	-	
-	18331	15	10	5	-	1	1	-	-	-	-	-	-	-	1	1	
-	13027	6	4	-	2	-	-	-	-	-	-	-	-	-	-	-	
-	15232	8	7	2	-	-	-	-	1	-	-	-	-	-	-	2	

These Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the

Asylum in Tottenham-court sub-district.
 Kentish Town sub-district.
 in Islington East sub-district.

" Hackney sub-district."
 " Hoxton New Town sub-district."
 " Mile End Old Town Eastern sub-dist.

Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston
 † Private Lunatic Asylums in which paupers are received.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and
 Bow sub-district.
 Stepney
 Poplar & Stepney Sick Asylum
 Westminster Union Industrial School in Battersea sub-district.
 Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-
 ney, Brixton, and St. Paul Deptford sub-districts.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 29th December 1877.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enume- rated Popu- lation, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Exhausted Cases.
	LONDON—OUTER RING	368,414	631,381	440	257	59	58	5	10	7	3	5	4	1	5	7
29: 1	Carshalton <i>wL</i> - - -	12228	13523	6	12	-	3	-	-	-	-	-	-	-	-	-
2	Epsom (<i>part of</i>) * <i>WH</i> -	9971	9145	4	5	-	3	-	-	-	-	-	-	1	-	-
36: 1	Godstone (<i>part of</i>) * - -	2754	900	1	-	-	-	-	-	-	-	-	-	-	-	-
37: 1	Croydon <i>WWH</i> - - -	20851	71319	47	25	6	5	1	2	-	2	-	-	-	-	-
2	Mitcham <i>WH</i> - - -	11697	12534	11	6	3	-	-	1	-	-	-	-	-	-	-
38: 1	Wimbledon <i>HH</i> - - -	3220	9087	9	1	-	-	-	-	-	-	-	-	-	-	-
2	Kingston <i>WH</i> - - -	8549	27489	19	12	2	7	-	-	-	-	2	-	-	-	-
3	Esher (<i>part of</i>) * - - -	6601	7353	7	4	1	1	-	-	-	-	1	-	-	-	-
4	Hampton - - -	4573	10185	10	4	2	-	-	-	-	-	-	-	-	-	-
39: 1	Richmond <i>WH</i> - - -	2271	16829	10	9	2	2	-	-	-	-	-	1	-	-	-
2	Mortlake - - -	2961	9816	3	4	2	-	-	-	-	-	-	-	-	-	-
40: 1	Bromley (<i>part of</i>) * <i>HH</i> -	15669	19509	6	7	3	1	-	-	-	-	-	-	-	1	1
2	Chislehurst (<i>part of</i>) * <i>W</i> -	13665	10028	9	5	4	1	-	-	-	-	-	-	-	-	-
41: 1	Bexley <i>H</i> - - -	13439	19566	8	8	1	2	-	-	-	-	-	-	-	1	1
123: 1	Sunbury <i>W</i> - - -	11055	9860	7	2	1	-	-	-	-	-	-	-	-	-	-
2	Staines <i>W</i> - - -	13277	10339	7	3	2	-	-	-	-	-	-	-	-	-	-
124: 1	Hillingdon <i>WH</i> - - -	6029	9712	5	1	-	1	-	-	-	-	-	-	-	-	-
2	Uxbridge - - -	6178	5329	3	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes <i>WL</i> - - -	14587	10497	7	7	-	2	-	-	1	-	-	-	-	-	-
125: 1	Isleworth <i>W</i> - - -	7008	19930	6	3	1	2	-	1	-	-	-	-	-	-	-
2	Twickenham - - -	2477	10533	7	3	-	-	-	-	-	-	-	-	-	-	-
3	Brentford <i>HL</i> - - -	4370	20279	10	7	3	2	-	-	-	-	-	-	-	-	-
4	Chiswick - - -	1311	8508	4	7	-	2	-	-	-	1	1	3	-	-	-
5	Acton <i>WH</i> - - -	6087	12683	15	4	1	1	-	-	-	-	-	-	-	-	-
126: 1	Harrow <i>H</i> - - -	13809	10869	12	4	-	2	1	-	-	-	-	-	-	-	-
2	Edgware <i>H</i> - - -	6994	3450	1	2	-	1	-	-	-	-	-	-	-	-	-
3	Willesden - - -	4383	15869	11	6	1	-	-	2	-	-	-	-	-	-	-
4	Hendon <i>WH</i> - - -	8382	6972	2	1	-	-	-	-	-	-	-	-	-	-	-
127: 1	South Mimms - - -	15419	5924	-	2	-	1	-	-	-	-	-	-	-	-	-
2	Barnet <i>W</i> - - -	5423	7752	11	4	1	-	-	-	-	-	-	-	-	-	-
3	Finchley <i>L</i> - - -	4688	11493	3	2	-	-	-	-	-	-	-	-	-	1	1
128: 1	Hornsey <i>H</i> - - -	3039	19357	26	8	2	2	-	1	-	-	-	-	-	-	-
2	Tottenham <i>H</i> - - -	4642	22869	18	8	5	1	-	-	-	-	-	-	-	-	-
3	Edmonton <i>WW</i> - - -	7483	13860	6	7	1	3	-	1	1	-	-	-	-	-	-
4	Enfield <i>WH</i> - - -	12653	16054	13	6	1	1	-	1	1	-	-	1	-	-	-
5	Waltham Abbey - - -	11017	5197	4	2	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - -	8493	7518	5	1	-	1	-	-	-	-	-	-	-	-	-
134: 1	Hatfield (<i>part of</i>) * - -	3180	559	1	-	-	-	-	-	-	-	-	-	-	-	-
136: 1	Bushey - - -	9028	6472	1	4	3	-	-	-	1	-	-	-	-	-	-
135: 1	Stratford - - -	882	23286	19	10	1	1	-	1	-	-	-	-	-	-	1
2	West Ham <i>WWWW</i> - - -	7345	44642	49	26	6	4	2	-	3	-	1	-	-	1	1
3	Leyton <i>WW</i> - - -	4274	15513	6	8	-	3	-	-	-	-	-	-	-	-	-
4	Walthamstow <i>H</i> - - -	6619	15701	19	10	2	-	-	-	-	-	-	-	-	-	-
136: 1	Chigwell (<i>part of</i>) * <i>H</i> -	10483	8169	3	2	1	1	1	-	-	-	-	-	-	-	-
138: 1	Romford (<i>part of</i>) * - -	6730	2879	-	1	1	-	-	-	-	-	-	-	-	1	1
2	Ilford - - -	8492	5947	4	3	-	1	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	5	1	-	1	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 29: 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36: 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38: 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40: 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40: 2, the whole of the Chislehurst sub-district, except the parish of Chislehurst (pop. 1798); 134: 1, only the parish of Northaw in Hatfield sub-district; 136: 1, the whole of the Chigwell sub-district, except the parish of Throby (pop. 798); 138: 1, only the parish of Dagenham in Romford sub-district.

GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and
of MORTALITY during the Week ending Saturday, 29th December, 1877.

Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											Deaths in Public Institutions.
		From All Causes.	From Seven Zymotic Diseases.		Deaths of		Deaths from									
					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.		
446,494	4,367,547	24·1	4·1	2014	457	456	34	119	38	15	87	40	13	55	331	
78,080	3,533,484	25·9	4·6	1757	398	398	29	109	31	12	82	36	12	50	306	
368,414	834,063	16·1	2·2	257	59	58	5	10	7	3	5	4	1	5	25	

Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 122 square miles, equal to the square of a little more than a circle of 6·23 miles radius.

9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES.

POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
429,535	November 24	-	370	44·9	Fevers 191; cholera 14.
644,405	" 27	-	495	39·9	Measles 36; fevers 182.
397,552	" 2	352	775	101·3	Small-pox 23; dysentery 213.
1,988,806	December 27	-	1022	26·7	Typhoid fever 11; diphtheria 35.
67,829	" 22	20	22	16·9	—
173,000	" 22	122	81	24·5	Measles 4.
289,981	" 15	223	158	27·7	Croup 5; typhus and typhoid fever 2.
136,231	" 15	112	69	23·2	—
104,095	" 15	93	33	16·5	—
215,000	" 18	148	88	21·4	Diphtheria 2; typhoid fever 2.
146,845	" 16	-	71	25·1	Scarlet fever 5.
79,000	" 15	68	22	14·5	—
669,741	" 1	-	436	33·8	Small-pox 10; fevers 31.
997,269	" 8	841	480	24·6	Scarlet fever 20; diphtheria 29.
393,588	" 8	323	193	25·6	Whooping-cough 6; diphtheria and croup 11.
202,295	" 8	135	88	22·3	Scarlet fever 7; diphtheria and croup 5.
257,000	" 22	-	-	-	—
215,000	" 22	178	139	34·0	Measles 7; diphtheria and croup 8.
714,548	" 22	493	389	28·3	Small-pox 12; diphtheria 21.
315,401	" 15	215	261	43·3	Scarlet fever 12; diphtheria 7.
280,564	November 17	179	116	21·5	Typhus and typhoid fever 6.
454,948	" 25	-	240	27·5	Diphtheria 3.
223,488	December 8	150	128	29·7	Typhus and typhoid fever 5.
139,796	" 22	65	73	27·2	Diphtheria and croup 2.
212,034	" 13	-	-	-	—
1,077,223	December 1	-	403	19·7	Scarlet fever 14; diphtheria 25.
527,830	" 1	-	178	17·5	Scarlet fever 7; diphtheria 13.
850,856	" 8	-	296	18·2	Scarlet fever 16; diph. 13; typhoid fever 13.
363,000	" 1	-	123	17·6	Diphtheria 13.

TABLE 10.--METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 29th DECEMBER, 1877.
[Under the Superintendence of the Astronomer Royal.]

MOON.			BARO-METER.		READINGS OF THERMOMETERS.										DIFFERENCE				WIND.				RAIN.									
Phases of Moon.	Mean daily reading (corrected and reduced to 32 deg. Fahrenheit).		High-est.	Low-est.	Dry.		Dew Point.	Highest in the sun, as shown by a self-regis-tering thermo-meter with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-regis-tering thermo-meter.	In the Water of the Thames at Greenwich, by self-registering Thermometers.		Between Dew Point and Temperature.		Between mean tem-perature of the day and mean tem-perature of the same day on an average of 60 years.*		Degree of Hu-midity, complete Satura-tion being repre-sented by 100.	As deduced from Anemometers.				Collected in a Gauge whose receiving surface is 5 in. above the ground.											
					Range in day.	Mean daily value.				Mean daily value.	Lowest.	Mean daily value.	Least.	General Direction.	Pressure on square foot.		Amount of Horizontal Movement of Air each day.	Depart-ure from Average of 16 years.	Osler's.	Robinson's.												
																						Great-est.	Least.	Mean of 24 Obs.	A. M.	P. M.	W.	lbs.	lbs.	Miles.	Miles.	Inches
DECEMBER.																																
SUN. . 23	Perigee.	in. 29.933	49.2	35.5	13.7	41.0	32.7	56.2	29.4	42.3	40.3	8.3	10.1	1.8	0	2.6	72	WSW. & NNW.	NW. W. & WSW.	5.5	0.0	0.9	385	+ 96	0.03							
MON. . 24	..	29.552	45.9	33.6	12.3	40.1	32.7	50.3	29.3	42.7	40.8	7.4	13.2	5.5	0	1.9	75	WSW.	NW. & WNW.	13.6	0.0	2.2	605	+ 323	0.00							
TUES. . 25	..	29.537	38.3	28.9	9.4	33.4	28.9	56.5	26.0	42.5	40.3	4.5	8.9	1.5	0	4.6	83	W. & WSW.	WSW. SW. & SSW.	0.6	0.0	0.0	236	- 42	0.00							
WED. . 26	In Equator	29.205	38.5	29.7	8.8	34.9	29.4	55.7	28.0	42.3	40.3	5.5	8.9	1.7	0	2.9	80	NE. W. & WSW.	W.	6.0	0.0	0.7	376	+ 100	0.02							
THURS. 27	Last Qr.	29.484	37.4	29.7	7.7	33.5	25.6	49.6	24.0	41.1	39.3	7.9	9.6	5.5	0	4.1	72	WNW.	W.	1.5	0.0	0.3	364	+ 89	0.00							
FRI. . 28	..	29.827	38.9	28.7	10.2	33.4	27.3	49.0	24.0	40.5	33.8	6.1	9.2	1.6	0	4.1	78	W. & WSW.	SW. SSE. & S.	2.2	0.0	0.1	260	- 15	0.36							
SAT. . 29	..	29.481	54.4	38.9	15.5	48.2	45.5	71.3	35.0	40.1	38.1	2.7	5.0	0.0	0	10.8	90	S. & SW.	WSW.	2.5	0.0	0.4	421	+ 143	0.14							
MEANS .	..	29.574	43.2	32.1	11.1	37.8	31.7	55.5	28.0	41.6	39.7	6.1	9.3	2.5	0	1	79	W.		..	..	Sum 2347	Sum +694	Sum 0.55						
No. of Col.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27							

DATE.	Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
DECEMBER.				
SUNDAY . 23	The electrical apparatus was not in action throughout the week.	2.1	7.7	Rain fell in the early morning. Fine and partially cloudy during remainder of day.
MONDAY . 24		0.0	7.7	Overcast during morning; very fine and generally cloudless in afternoon and evening.
TUESDAY . 25		3.4	7.7	Hear frost in morning. A fine day. Partially cloudy in morning and afternoon; overcast at night, with a little rain after 10h. P.M.
WEDNESDAY 26		3.7	7.8	A little snow in the early morning; fine and partially cloudy throughout the day.
THURSDAY . 27		1.8	7.8	Hear frost in the early morning. Fine. The amount of cloud was usually small.
FRIDAY . 28		0.6	7.8	Overcast generally. Snow fell thickly from 4h. P.M. till 8h. P.M., and rain fell afterwards.
SATURDAY . 29		0.6	7.9	Rain fell in the early morning hours; fine and partially cloudy during the day.
Sum		12.2	54.3	